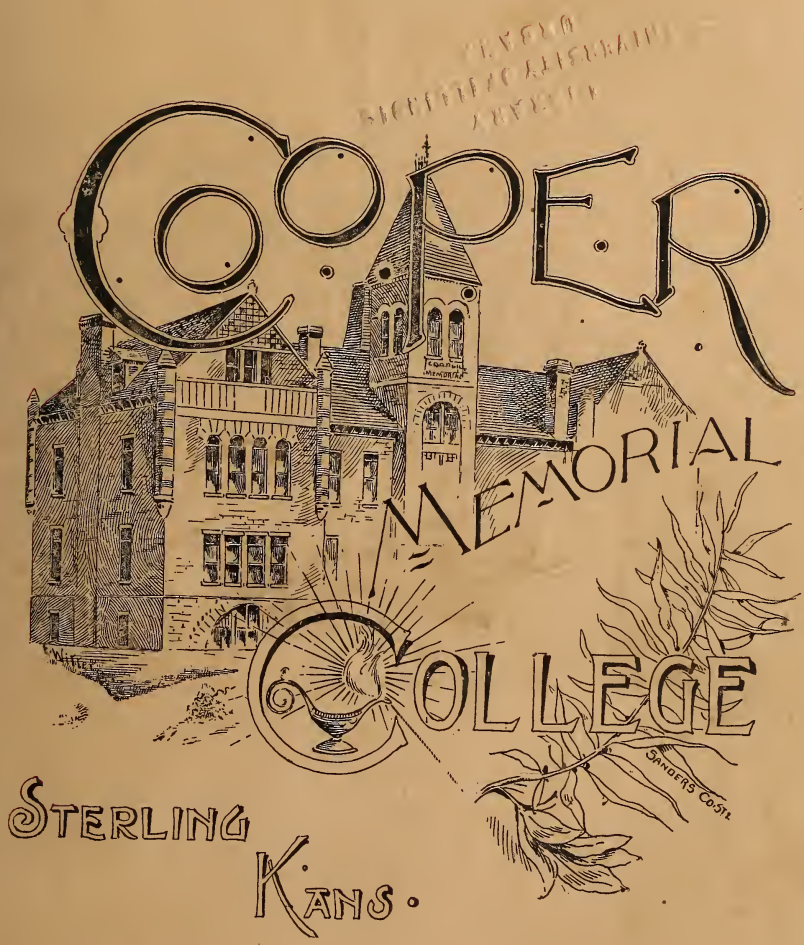



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TWELFTH
ANNUAL CATALOGUE

OF

Cooper Memorial College

STERLING, KANSAS,

FOR THE

Academical Year Ending June 15, 1899.

Bulletin Print, Sterling, Kansas.

1899.

Calendar 1899-1900.

1899.

- June 11, Sabbath, 3:30 p. m.....Sermon before Prayer Guild
By Rev. George W. Benn, Philadelphia Pa.
June 11, Sabbath, 8:00 p. m.....Baccalaureate Sermon by President
June 12, Monday, 8:15 p. m.....Chrestomatheon Annual
June 13, Tuesday, 8:15 p. m.....Theomoron Annual
June 14, Wednesday, 10 a. m.....Annual Meeting of Senate
June 14, Wednesday, 2 p. m.....Class Day Exercises
June 14, Wednesday, 8:15 p. m.....Annual Address by Rev. D. H.
Coulter, D. D., Winchester, Kansas.
June 15, Thursday, 8:15 p. m.....Commencement Exercises
September 4, Monday.....Entrance Examinations
September 5, Tuesday, 1 p. m.....Fall Term Begins
October 30, Monday.....Mid-Term Examinations
November 30-December 1.....Thanksgiving Recess
December 21, Thursday.....Fall Term Closes
1900.

- January 2, Tuesday, 1 p. m.....Winter Term Begins
January 25, Thursday.....Day of Prayer for Colleges
February 22.....Observance Washington's Birthday
March 22, Thursday.....Winter Term Closes
March 27, Tuesday, 1 p. m.....Spring Term Begins
June 14, Thursday.....Spring Term Closes

College Senate.

TRUSTEES.

T. H. Brown.....	Sterling, Kansas
J. W. Duff.....	“ “
W. B. Graham.....	“ “
J. Hanna.....	“ “
H. Irish.....	“ “
E. H. Lees.....	“ “
A. H. Stormont.....	“ “

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Rev. James White, D. D.....	Arkansas City, Kansas
Rev. J. W. Long, D. D.....	Springfield, Missouri
Rev. C. H. Strong, D. D.....	Sterling, Kansas
Rev. S. M. Hood.....	Nortonville, Kansas
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J. H. Taggart.....	Denver, Colorado
I. L. McCracken.....	Sterling, Kansas

OFFICERS OF THE SENATE.

Rev. J. W. Long, D. D.....	President
S. A. Wilson.....	Secretary and Treasurer of Endowment

OFFICERS OF THE BOARD OF TRUSTEES.

J. Hanna.....	Chairman
J. W. Duff.....	Secretary
A. H. Stormont.....	Treasurer of Current Fund

The Trustees meet monthly, on the first Tuesday of the month; the Senate—Trustees and Directors in joint session—meets annually, on Wednesday of Commencement week.

Faculty and Instructors.

REV. F. M. SPENCER, D. D.,
President, and Professor of Mental and Moral Science.

REV. C. H. STRONG, D. D.,
Professor of Bible Study.

S. A. WILSON, A. M.,
Professor of Ancient Languages.

J. G. THOMPSON, A. M.,
Professor of Mathematics.

MISS ANNA KERN,
Lady Principal and Professor of Modern Languages.

TALMON BELL, A. B.,
Professor of History and Economics.

MISS ALICE M. BROWN,
Professor of Art.

OTTO W. NEWBY, A. B.,
Professor of Logic and Literature.

D. C. MATHEWS,
Instructor in United States Constitution and Physiology.

PEARLE AIKIN,
Instructor in Elocution and Dramatic Literature.

MISS CARRIE McCLURKIN,
Musical Director.

Officers of Faculty.
Registrar, J. G. THOMPSON.
Secretary and Recorder, TALMON BELL.

Location.

Cooper Memorial College is located at Sterling, Rice County, Kansas. Sterling is a city of two thousand inhabitants and is situated in the center of the State, upon the Santa Fe and Missouri Pacific railways, and is easy of access from all directions. Placed as it is, in the valley of the Arkansas River, it is one of the most beautiful and prosperous towns in this part of the State. It is in the center of a rich farming country. Wheat and other small grains, corn, sorghum, broomcorn and live stock are staple products. Sterling is the largest market for dwarf broomcorn in the world, about \$100,000 being paid each year to the growers here. It is in the salt region of Kansas and has a large salt plant in operation.

The city has an excellent system of waterworks, a telephone system, and is lighted by electricity. Under the State prohibitory law there are no saloons, and the social and church privileges are superior. Excellent educational advantages are provided in its public schools. There is a central building which has recently been enlarged and two other buildings in other parts of the city. The High School is one of the best in the State.

Healthfulness is a special advantage which belongs to the location of the college. The height above the sea level, 1,500 feet, makes it especially adapted for those having a tendency to pulmonary troubles and many have been helped by a residence here.

History and Organization.

In October, 1886, the Sterling Land Investment Company offered a site and building for a College to the United Presbyterian Synod of Kansas, on condition that the Synod endow the institution. The Synod accepted the offer and was allowed five years to raise the endowment. In October, 1891, a deed for the building and campus was delivered by the Sterling Land and Investment Company to the Synod of Kansas, the required endowment of \$25,000 having been raised.

The College was opened for students in November, 1887. The enrollment, at first small, has since steadily increased. The first collegiate class graduated in 1892. Since that time a class has graduated each year. Especially in the College classes and the Normal classes there has been a rapid increase of students.

The courses have recently been revised and enlarged to meet the requirements of the best modern school work.

The corporate powers of the College are vested in the Senate which consists of seven Trustees and fourteen Directors. The Senate is elected biennially by the Synod of Kansas of the United Presbyterian Church.

Building and Equipment.

The College building has a front of one hundred and twenty feet and a depth of fifty feet. It is built of Strong City limestone

and is a beautiful and substantial structure. About eight hundred and fifty dollars were spent last summer in fitting up the first story which had not been finished before. The halls and stairways are well arranged and the rooms well suited for recitations. A commodious chapel on the third floor amply accommodates all the ordinary College gatherings.

The various recitation rooms are suitably equipped for good class work. The Laboratory is in the first story, the floor is cemented and the room is supplied with water directly from the city waterworks. Suitable tables, cases and individual desks are a part of the equipment.

The Museum contains a large number of Geological and Zoological specimens. The collections are being increased steadily and are already of great value in class work. Considerable work has been done in the Museum during the present year.

This year a gymnasium has been fitted up on the first floor. The room is supplied with horizontal bars, rings, trapeze and chest weights.

The College possesses a Library of considerable value. In addition the the College Library, each of the literary societies has its own library. Each of the societies has a piano. Also a piano has been donated to the College within the last year.

The Library and Reading Room.

In addition to the regular College Library which contains a large number of books and pamphlets, each of the literary societies has a library. Total number of books is about 1,000.

Dictionaries, Encyclopedies and a case of General Reading Books are constantly accessible, as well as all books and pamphlets when-

ever sought for. The Theomoron Society purchased \$50 worth of books largely historical, the past year. Some additions were made to the College library.

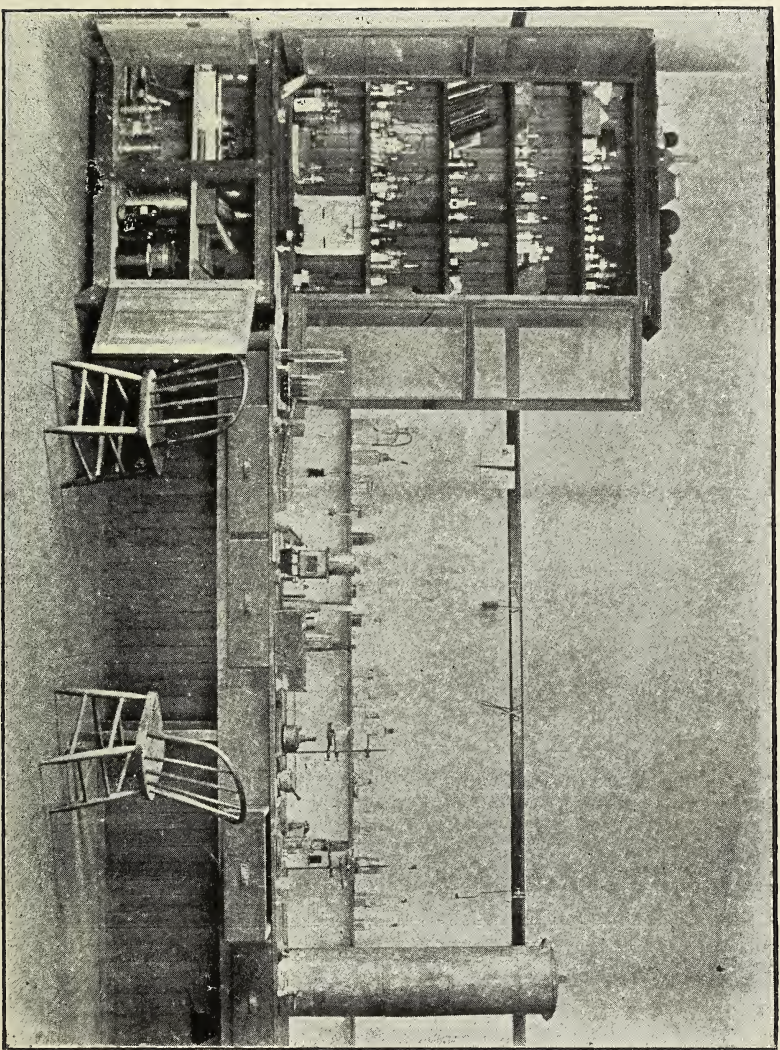
The Reading Room is open daily during sessions of College. The following periodicals were on file the past term:

Century Magazine.	McClure's Magazine.
Review of Reviews.	Popular Science Monthly.
Munsey's Magazine.	Harper's Weekly.
Literature.	Literary Digest.
Scientific American.	Saturday Evening Post.
Missionary Review.	United Presbyterian.
Christian Instructor.	Midland.
Gospel Union News.	Lyons Republican.
Sterling Bulletin.	Kansas City Daily Star.
Cooper Courier Exchanges and many occasional papers.	

Laboratories.

The Chemical Laboratory is fully equipped for elementary chemistry, and for Qualitative Analysis. It is fitted with individual desks, and has all necessary glassware, crucibles, blowpipes, thermometers electrolytic apparatus, balances, reagents, etc.

For the Physical Laboratory an apparatus room on the first story is reserved. Experiments are conducted in the Main Laboratory room, which has a granitoid floor insuring firm support for instruments. The Normal class makes such apparatus as can be constructed. The College owns a new double plate Holtz electric machine with X-ray attachment of Crookes' Tube and Edison's Fluoroscope. A series of fine radiographs have been taken by this



Laboratory.

outfit, many of them of important medical cases for resident physicians. Sufficient apparatus for our one hundred experiments is on hand. It is expected that important additions will be made for use in classes the coming year.

Botanical Laboratory work has been done with the use of two large power microscopes and with suitable instruments to accompany.

College Organizations.

The Chrestomatheon Literary Society was organized in 1888. The society has an elegant hall, which is seated with opera chairs. It has a new upright piano and a library of over five hundred volumes.

The Theomoron Literary Society was organized in 1894. The hall, in every respect equal to that of the other society, is beautifully furnished and seated with nice chairs. A fine-toned piano and a library of three hundred volumes belong to the society.

Both societies meet on Friday evening of each week. They are doing a good grade of work. An inter-society contest is held at the close of each Fall Term. Both societies give annuals one evening during Commencement week. Medals are presented to the members of the graduating class by their respective societies. These societies afford superior opportunities for literary training, for cultivation in the art of public speech, and an excellent drill in parliamentary law and the usages of deliberative bodies.

The Students' Prayer Guild, organized in 1897, is one of the most energetic and successful organizations of the College. It meets on Monday evening of each week. The work has been care-

fully planned, the attendance has been good and the interest well sustained. It is an uplifting factor in the student life.

The Oratorical Association, organized in 1891, maintains an organization, altho, at present, there are no special arrangements for competition with students of other institutions.

The Athletic Association, the Football and Baseball Teams and the two Tennis Clubs have stimulated a decided interest in outdoor athletics, supplemented by regular gymnasium practice, during the year.

The Cooper Courier, first published in 1892, has been published continuously ever since. The corps of editors are elected annually by the student body. The paper is a monthly magazine, giving much attention to literary subjects, and has a well sustained reputation. It is distinctly a student paper and accurately represents College life.

The Cooper Quarterly is published every three months by the faculty of the institution.

Expenses.

Many students wish to know the actual outlay required to attend school. Below is given a table of the annual expenses, exclusive of travel, personal and incidental.

College Department.

Tuition from.....	\$30
Board and room from	\$86 to.....\$120
Books from	4 to..... 10
Total.....	\$120 to.....\$160

Preparatory and Normal.

Tuition from	\$25 to..... \$25
Board and room from.....	86 to.....\$120
Books from.....	4 to..... 10
Total.....	\$115 to.....\$145

College Dues.

Tuition in collegiate classes and in those of the 3d and 4th year Normal, and the Commercial Department.

1st, Regular Tuition:

Fall Term, Sixteen weeks.....	\$12 00
Winter Term, Twelve weeks.....	9 00
Spring Term, Twelve weeks.....	9 00

Total for the year.....\$30 00.

2nd, Tuition in the Preparatory Department and in the First and Second year Normal:

Fall Term, Sixteen weeks.....	\$10 00
Winter Term, Twelve weeks.....	7 50
Spring Term, Twelve weeks.....	7 50

Total for year.....\$25 00

3rd, Special Fees:

For graduating in any course.....	\$5 00
Chemical Laboratory, Elementary Course.....	3 00
Chemical Laboratory, Advanced Course.....	2 00
Physical Laboratory, Advanced Course.....	1 00
For special examination.....	2 00

Tuition and fees are due in advance. If not paid the first week of the term, one dollar additional will be charged per term. Minister's children, one-half of college tuition rate.

Rooms and Boarding.

The college is fortunate in being able to offer the very best home-like boarding facilities. Most of the students rent rooms and take their meals in one of the clubs. These clubs are managed by private parties of experience and reliability, and have given excellent satisfaction. Regularity, good manners and order is the rule; family worship is maintained. Economy is practiced as far as can be, and a good table kept.

Furnished rooms near the college can be obtained at the rate of 50 cents a week for each person two in a room. Boarding alone, ranges from \$1.65 to \$2 per week. Light, fuel and washing are extra, but can be had at a low rate. Board and lodging in private families all furnished at \$3 per week. Houses for families or rooms for self board at a reasonable cost. A list of the regular clubs is given. Inquiries may be made direct, or thru the president.

Mrs. A. D. Mustard at her home on Sixth street, has for eight years received students and others as boarders. She maintains a first class establishment. Her home is about five blocks from the college. For five years a large number of students have taken meals at the McCarroll club, one block from the college. Many who room outside take meals here. It is in charge of Mrs. Rev. A. B. McCarroll who is a good manager, so that, altho her rates are low, she keeps a good table and gives full satisfaction. She always has a large club. The past year Mrs. J. B. Moore conducted a club about two blocks from the college. Both at the county normal and here, Mrs. Moore has earned a fine reputation.

This summer there will be erected on the block next the campus,

a large building to be a home for young ladies attending college, and the headquarters for the Music Department. It is built by Rev. J. T. Wilson and wife, who will have the management of the same. Mrs. Wilson is well fitted to be matron of the home. Both at Xenia, Ohio, and in the Conservatory and Ladies' Home of Westminster College she has had knowledge of such work. She expects to maintain the regulations usual to such homes. The matron will have personal oversight of each one under her care.

The Home is erected at a cost with furnishings of between \$3,000 and \$4,000. On the first floor there will be two rooms for the Music Department, double parlors, a large dining hall, kitchen, bath room, etc. On the second and third floors will be rooms for study and sleeping. These rooms are each about fifteen feet square and have closets.

The building is heated with a furnace and lighted with gas, city and cistern water. Special attention has been given to light, ventilation, and other sanitary conditions. The rates will be: Table board \$2 per week, room and light 75 cents per week for each person (two in a room). Laundry and heating room extra. All dues to be paid monthly in advance. A rate covering everything for the entire term may be had on request. Any inquiries cheerfully answered.

Terms of Admission.

Any person of good moral character, not too young to do the work, may be admitted as follows:

1. To Junior Preparatory class, on giving evidence of sufficient knowledge of the common branches to carry the required subjects.
2. Normal Department. See description of Normal Courses.

3. Candidates for admission to the Freshmen Class are required to satisfactorily pass an examination in the subjects of the Preparatory Department, or to present a certificate from high school, or college, showing that equivalent work has been done in a satisfactory manner. An applicant may be admitted altho deficient in some of these requirements, provided such deficiencies are not so serious, as in the judgment of the Faculty to interfere with his doing the regular work; but all deficiencies must be made good within a reasonable period.

4. Persons desiring to pursue some special line of study, without becoming candidates for a degree, are allowed to register after having gained the consent of the instructors under whom the work is to be carried on, and approval of the Faculty. Special students are subject to the same discipline as regular students. Regular attendance upon recitations and examinations is required.

SCHOLARSHIPS.

According to an established custom a scholarship good for one year is given annually to the student in the graduating class of the Sterling and Lyons High Schools taking the highest rank.

CONTESTS.

The Annual Contest between the Chrestomatheon and Theomoron Literary Societies took place on December 18, and was an event of unusual interest. The Chrestos won the debate and essay and the Theos the declamation and oration. The performances were all of a high standard. The question for debate at the close of the Fall Term, is: Resolved, "That state treatment of criminals should primarily be reformatory." Two other contests have been arranged for next year. One of these is an oratorical contest to be held at the end of the Winter Term. A friend of the college has offered a prize of \$10 to the one winning first place. Those enter-

ing this contest must have given at least two creditable orations in one of the literary societies during the year. This is to be a yearly event. The third contest is for declaimers only, and is to take place about the middle of the Spring Term.

Examinations.

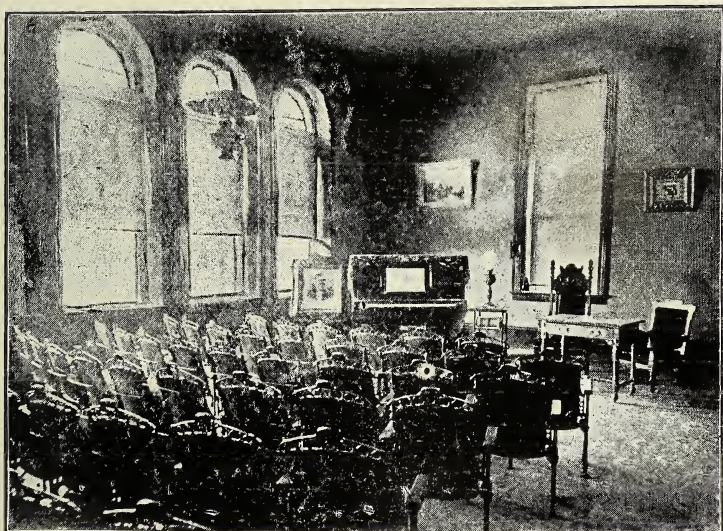
On the completion of each subject a final examination is given, and at such other times as the instructor may choose.

Reports.

Grades of studies are read in Chapel at the end of each month, and at the end of each term; grades for the term are sent to the home address of parent or guardian.



Theomoron Literary Hall.



Chrestomatheon Literary Hall.

Synopsis of Classical Course.

FRESHMAN YEAR.

First Term.

Mathematics—Higher Algebra. Wentworth.
 Greek—Anabasis, Goodwin.
 Latin—Horace, Lincoln.
 Biology.

Second Term.

Mathematics—Trigonometry, Wentworth.
 Greek—Iliad, Seymour.
 Latin—Horace, Lincoln, 4 weeks.
 Botany,—Gray's School and Field Book, 8 weeks.
 Biology, 4 weeks.

Third Term.

Mathematics—Spherical Trigonometry.
 Greek—Iliad, Seymour.
 Botany—Gray's School and Field Book.
 Latin—Tacitus, Tyler.

SOPHOMORE YEAR.

First Term.

Mathematics—Analytical Geometry, Wentworth.
 Greek—Memorabilia, Robbins.
 Latin—Plautus.
 History—English, Green.

Second Term,

Mathematics—Analytical Geometry, Nichols, 4 weeks; Calculus, Taylor, 8 weeks.
 Greek—Memorabilia.
 Latin—Terence.
 History—English, Green.

Third Term.

Mathematics—Calculus, Taylor.
 Greek—Greek Testament, Westcott & Hort
 Latin—Prose Composition.
 English—Milton.

JUNIOR YEAR.

First Term.

Chemistry, Remsen. Laboratory, 4 hours per week; recitation 3 hours.
 Greek—De Corona, D'Ooge.
 English Literature, Shaw.
 Rhetoric—Advanced, Hill.

Second Term.

Chemistry, Remsen. Laboratory, 4 hours per week; recitation, 3 hours.
 Physics, Olmstead. Laboratory, 2 hours per week; recitation, 4 hours.
 Greek—De Corona, 4 weeks; Plato's Apology, Tyler, 8 weeks.
 English Literature, Shaw.

Third Term.

Physics, Olmstead. Laboratory, 2 hours per week; recitation, 4 hours.
 Greek—Aeschylus, Prometheus Bound.
 Political Economy, Walker.
 Ethics, Wayland.

SENIOR YEAR.

First Term.

Zoology, Pachard's Advanced Course.
 Logic, Schuyler.
 Psychology, Porter.
 Political Economy, Walker.

Second Term

Astronomy, Newcomb & Holden.
 Zoology, Packard, 4 weeks.
 Geology, Dana, 8 weeks.
 Evidences of Christianity, Alexander.
 Psychology, Porter.

Third Term.

English—Shakespeare.
 Philology—Comparative, Lectures.
 Geology, Dana.
 History of Philosophy, Schwegler.

Synopsis of Scientific Course

FRESHMAN YEAR.

First Term.

Mathematics—Higher Algebra, Wentworth.
 German—Classics.
 Latin—Horace, Lincoln.
 Biology.

Second Term.

Mathematics—Trigonometry, Wentworth.
 German—Classics.
 Biology, 4 weeks.
 Latin—Horace, Lincoln.
 Botany, Gray, 8 weeks.

Third Term.

Mathematics—Spherical Trigonometry.
 German—Classics.
 Latin—Tacitus, Tyler.
 Botany, Gray's School and Field Book.

SOPHOMORE YEAR.

First Term.

Mathematics—Analytical Geometry, Wentworth.
 German—Goethe's Faust.
 Chemistry, Remsen. Laboratory, 4 hours;
 recitation, 3 hours.
 History—English, Green.

Second Term.

Mathematics—Analytical Geometry, Nichols,
 4 weeks. Calculus, Taylor, 8 weeks.
 German—Nathan Der Weiser.
 Chemistry, Remsen.
 History—English, Greene.

Third Term.

Mathematics—Calculus, Taylor.
 German, Ekkehard.
 Ethics, Wayland.
 Surveying.

JUNIOR YEAR.

First Term.

Advanced Chemistry. Qualitative Analysis.
 French.
 English Literature, Shaw.
 Rhetoric—Advanced, Hill.

Second Term.

Advanced Chemistry, 4 weeks.
 Physics, Olmstead, Laboratory, 2 hours per
 week; recitation, 4 hours.
 French.
 English Literature, Shaw.
 Advanced Physiology, 8 weeks, Martin.

Third Term.

Physics, Olmstead. Laboratory, 2 hours per
 week; recitation, 4 hours.
 French.
 Political Economy, Walker.
 New Physiology, Martin.

SENIOR YEAR.

First Term.

Political Economy, Walker.
 Zoology, Packard's Advanced Course.
 Logic, Schuyler.
 Psychology, Porter.

Second Term.

Astronomy, Newcomb & Holden.
 Geology, Dana.
 Evidences of Christianity, Alexander.
 Psychology, Porter.

Third Term.

English—Shakespeare.
 Philology—Comparative, Lectures.
 Geology, Dana.
 History of Philosophy, Schwegler.

Synopsis of Normal Course.

FIRST YEAR.

First Term.

Arithmetic—Ray's Higher.
 English Grammar, Maxwell.
 History—United States, Ridpath
 Geography—Descriptive, Barnes.

Second Term.

Arithmetic—Ray's Higher.
 English Grammar, Maxwell.
 History—United States, Ridpath.
 Geography—Physical, Guyot.
 Penmanship.

Third Term.

Arithmetic—Ray's Higher.
 English Grammar, Maxwell.
 Orthography.
 Geography—Physical, Guyot.
 Parliamentary Law, Roberts.

SECOND YEAR.

First Term.

Mathematics Algebra, Wentworth.
 Composition and Rhetoric, Hart.
 Constitution—United States, Andrews.
 Latin—Grammar and Lessons, Allen & Greenough, and Jones.

Second Term.

Mathematics—Algebra, Wentworth.
 History—General, Myers.
 Composition and Rhetoric, Hart, 4 weeks.
 Physiology, Cutter, 8 weeks.
 Latin—Grammar and Lessons, Allen & Greenough and Jones.

Third Term.

Mathematics—Algebra, Wentworth.
 History—General, Myers.
 Physiology, Cutter.
 Latin—Cæsar, Harper & Tolman.

THIRD YEAR.

First Term.

Mathematics—Geometry.
 Natural Philosophy, Avery.
 Zoology, Packard.
 English Literature, Shaw.
 Bookkeeping.

Second Term.

Mathematics } Geometry, Chauvenet,
 } Trigonometry, Wentworth.
 Zoology, Packard, 4 weeks.
 Botany, 8 weeks, Gray.
 Natural Philosophy, Avery.
 Methods of Teaching, Wickersham.
 Music, 8 weeks.

Third Term.

Mathematics—Surveying, Wentworth, 5 weeks
 Botany, Gray.
 Political Economy, Walker.
 Methods of Teaching, Wickersham.
 Music.

FOURTH YEAR.

First Term.

Chemistry, Remsen. Laboratory, 4 hours.
 per week; recitation 3 hours.
 History of Education, Painter.
 Psychology, Porter.
 Kindergarten.
 Drawing.

Second Term.

Chemistry, Remsen. 4 weeks.
 History of Education, Painter, 4 weeks.
 Geology, Dana, 4 weeks.
 Astronomy, Newcomb & Holden.
 Psychology, Porter.
 Teaching and Criticism.
 Drawing.

Third Term.

Geology, Dana.
 Philosophy of Education, Rosencrans.
 School Law.
 School Management, Wickersham.
 Teaching and Criticism.

Synopsis of Preparatory Department.

Classical and Scientific Courses.

JUNIOR.

Classical and Scientific.

FIRST TERM.

Latin } Grammar, Allen & Greenough.
 } Reader, Jones' Latin Lessons.
 Arithmetic, Ray's Higher.
 History—United States, Ridpath
 Geography—Physical, Guyot.

SECOND TERM.

Latin } Grammar, Allen & Greenough.
 } Reader, Jones' Latin Lessons.
 Arithmetic, Ray's Higher.
 History—United States, Ridpath.
 Geography—Physical, Guyot.

THIRD TERM.

Latin—Cæsar, Harper & Tolman.
 Arithmetic, Ray's Higher.
 Geography—Descriptive.
 English Classics.

MIDDLE.

Classical and Scientific.

FIRST TERM.

Latin—Cæsar, Harper & Tolman.
 Constitution—United States, Andrews.
 Algebra, Wentworth.
 Composition and Rhetoric, Hart.

SECOND TERM.

Latin—Virgil, Harper & Miller.
 Composition and Rhetoric, 4 weeks.
 Physiology, Cutter's Revised, 8 weeks.
 Algebra, Wentworth.
 General History, Myers.

THIRD TERM.

Latin—Virgil.
 Physiology, Cutter.
 Algebra, Wentworth.
 General History, Myer.

SENIOR.

Classical.

FIRST TERM.

Cicero—Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 Greek } Grammar.
 } Reader, White's First Greek Book.

SECOND TERM.

Latin—Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 Greek } Grammar.
 } Reader, White's First Greek Book.

THIRD TERM.

Latin—Cicero, De Amicitia.
 Geometry, Chauvenet.
 Greek, Anabasis, Goodwin.
 Trench, Study of Words.

SENIOR.

Scientific.

FIRST TERM.

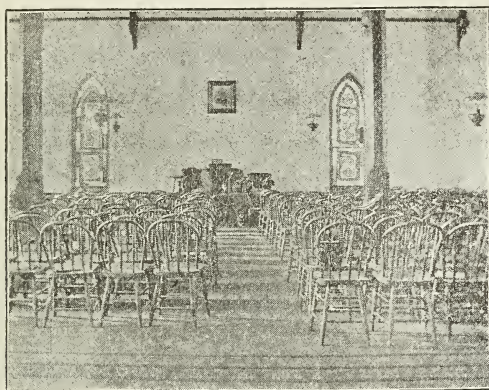
Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 German, Steiger & Harris.

SECOND TERM.

Latin—Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 German—Reading and Conversation.
 Geometry, Chauvenet.

THIRD TERM.

Latin—Cicero, Essay, De Amicitia.
 Geometry, Chauvenet.
 German—Reading and Conversation.
 Trench—Study of Words.



THE COLLEGE CHAPEL.

Description of Courses.

Classical.

This is the College course par excellence. It is designed to be the full equivalent of similar courses in the best colleges of the land. In the professions, competition is so close that thoro preparation is required. The seven years, three preparatory and four collegiate, of earnest work which is demanded are necessary to give this thoro preparation.

The stem of this course is Latin, Greek and Mathematics. The work in these lines is as extensive as the work required in similar institutions. The aim is to do this work as thoroly as it is done anywhere.

Scientific.

This also requires four collegiate years for its completion. In

it Greek is omitted, but all other essentials of a thoro education are to be found. Three years of German, and additional mathematical and scientific work is required. In the professions, when Greek is not needed, this course gives sufficient breadth of culture, together with scientific instruction.

The science work in the College is designed to be rigid in character and up to date in method.

Psychology and Philosophy.

Porter's Intellectual Science and Schwegler's History of Philosophy are the text books. A whole year is given to these subjects. Consciousness, presentation, thought and intuition are each in turn investigated. At every step the appeal is made to experience to corroborate the dictum of the author.

A term in the Junior year is devoted to the study of Moral Philosophy, theoretical and practical. One term of the Senior year is given to Logic. The design is to familiarize the student with all the more general forms of reasoning. The syllogism and the detection of fallacies received especial attention. Dr. Schuyler's text book is used.

Christian Evidences.

Doctor Alexander's text is used as the basis of the work in Evidences of Christianity. During the past year a thesis has been required from each student upon some suitable subject suggested by the class study.

English.

In the preparatory year one term is devoted to a careful study of English Classics. Works of the best authors are read and discussed in the class room.

In the Freshman year of the collegiate courses, Trench on the Study of Words is made the basis of one term's work.

During the first term of the Sophomore year Milton's «Paradise Lost» is studied.

English Literature is studied during the two terms of the Junior year. Three lines of work are followed in this subject. Shaw's work on English Literature is used as a basis. It gives a bird's eye view of the whole field. Supplementary to this, several works of the best authors are read, and carefully discussed in the class room. This gives a thoro knowledge of a few standard books and their authors. In addition to this, critiques on both English and American subjects are required from each member of the class. Some time is also spent discussing the authors of the day. This requires individual investigation and systematic formulation of facts gathered by research.

Shakespeare is studied one term by the Seniors. A critical study of two plays and a number of passages committed to memory is required. Collateral studies are also given.

The rudiments of Philology are presented in the last term of the Senior year, in both Scientific and Classical Courses. A general view of language is presented, showing something of the relationship of the members of the various families of speech, and a sketch of the history of the English language and of the causes which bring about change.

Rhetoric.

In the earlier work, Hart's Composition and Rhetoric is used. Outside of the text book, original work is required. A thoro drill in writing essays is given. Special attention is paid to the preparation of outlines for these essays. In the later work, Hill's Science of Rhetoric is used. The design is to prepare the student for effective speaking. The laws of the mind and the adaptation of truth to the thinking mind so as to lead to action are carefully

studied. In argumentation the effect of a priori and a posteriori arguments are studied in actual discussion.

Greek.

The Greek course is begun in the Senior Preparatory year, and is continued thruout the Classical Course until the close of the Junior year. It is the aim to secure a good foundation in the grammatical principles of the language, so that in reading the authors studied there may be a ready appreciation of the thought and literary excellence. Selections have been read this year from Xenophon's *Anabasis* and *Memorabilia*, Homer, Demosthenes, Plato and Æschylus. In the last term's work a Greek play is studied, which may be a different one from that of the preceding year. A class in the Greek Testament has been heard during the past term,

Latin.

Latin is begun in the Junior Preparatory year, and the most advanced work in the Sophomore Classical Course. The Roman system of pronunciation is used. In the first year's work, special effort is made to make evident the indebtedness of the English Grammar and lexicon to the Latin, for explanation of forms and derivatives. The course is intended to give exercise in the study of the different styles of literature in the period of its highest development.

German.

The study of German extends thru the Senior Preparatory, Freshman and Sophomore years of the Scientific Course. During the first two terms special attention is paid to correct pronunciation, grammatical forms, rules of syntax, translating English into German, reading easy German. Rapid reading is the aim of the third term's work. The second and third years are devoted to the study of masterpieces of German literature, in connection with

advanced work in Grammar and Composition. Conversation exercises accompany the work of the three years.

Mathematics.

In the Preparatory and Normal classes students spend three years in the study of Arithmetic, Algebra and Geometry, dividing the time equally among them. It is of exceeding importance that this ground-work should be well laid. Hence, the more thoro equipment and preparation the student can bring to his work the better. He should not attempt to enter any class in advance of his real attainments. The advice of the professor in charge must be accepted as to the fitness of the pupils to enter or continue in one of these studies. Much original work in problems is required. The note book and written test are made use of in this department.

Geometry, solid and spherical, and Higher Algebra belong to the College courses. The latter embraces chapters in Logarithms, Series, Permutations, Theory of Limits, of Numbers, and of Equations.

Plain and Spherical Trigonometry with applications to Surveying is next in order.

In analytics the geometrical and algebraical methods of proof are united in a systematic study of the line, circle, parabola, ellipse and hyperbola, a short study of the higher plane curves is appended.

The Calculus, Differential and Integral receives one-half year's attention, with much practical application.

These courses must be pursued consecutively. It is better to have no break in the pursuit of these courses.

Some attention will be given to the history of mathematics.

The study of mathematics has three uses: first, as a mental discipline in developing the mathematical habits of exactness in detail, logical method, planning to an end, the study of conditions, use of devices, and the investigation of relations; second, for a large ap-

plication in practical life; and, third, as a foundation for the work in other subjects, as Physics, Astronomy, etc. Any one of these uses is a necessary and sufficient reason for the careful pursuit of this branch of learning.

History.

The course in History covers eighty weeks' work with daily recitations. In United States History, Ridpath's Academic Edition and Johnston's American Politics have been the text books used during the present year. In addition to the study of the two text books mentioned some collateral reading has been required. The aim is to give a thoro knowledge of the subject such as is required by those desiring to teach. Twenty-eight weeks are given to U. S. History and twenty-four weeks are given to the study of General History. This includes a thoro study of Meyers' General History.

English History is studied for twenty-eight weeks. Green's Short History of the English People is used as a text. The study includes the careful reading and review of the entire work. During the present year Gardiner's Atlas of English History has been used in connection.

Physics.

Preparatory students take Avery's Natural Philosophy two terms with much problem work.

Junior Physics also extends thru two terms. A knowledge of Trigonometry is a prerequisite. The mathematical topics, with those bearing on the results of modern research methods, receive the largest attention.

The Laboratory work is wholly individual. The experiments used are chiefly those for verifying laws, determining important constants, and for making measurements. It is expected that both in facility and extent, experimental work in Physics will receive still larger attention the coming year.

Chemistry.

The course in Chemistry consists of two terms in General Chemistry for both Classical and Scientific students in which descriptive and theoretical Chemistry are studied from text book and Laboratory practice. The Chemical Laboratory is well furnished. Half the time for twenty weeks is given to the Laboratory, where each student is expected to perform for himself at least one hundred experiments.

In the Scientific Course twenty weeks in Qualitative Analysis follows the elementary work.

All experimental work must be carefully recorded in note books, by description, diagram and the chemical equation and formula.

A fee of \$3.00 is charged to cover the expense of chemicals used.

Astronomy.

Newcomb & Holden's text book is used. The planets and many of the constellations are located, and the change in the appearance of the planets is noted. The mathematical elements of the starry system are investigated.

Zoology and Geology.

Together occupy one full year's time in their study. The study is made from advanced text books. Collateral reading and research is also required. A number of specimens are available to illustrate the work in each of these sciences. Theses are required upon assigned topics in these sciences.

Botany.

Eighteen weeks are given to this subject. Gray's School and Field Book is used. After the text book has been mastered the members of the class commence the work of analyzing and pressing flowers. Each member of the class is expected to anal-

ye from sixty to one hundred native plants and to spreserve the pressed pecimens in a blank book. Kansas furnishes a great variety of beautiful specimens for this purpose. Laboratory work is also required,

Political Economy.

Political Economy is studied for twelve weeks. The work consists of a careful study of Walker's Advanced Course with discussion of the different subjects therein treated. After this year more time will be given to Political Economy and the course will be extended and much more work required.

Bible Study.

Weekly Bible lessons are taught thruout the year. During the past year the students have been taught in one section. The lessons have been on Bible characters of the Old and New Testaments, and have been both interesting and profitable. There is a growing interest in this department of study.

Chapel Rhetoricals.

Students are required to give a rhetorical each term. All in the regular College classes are required to give orations. Students in the Preparatory Department or First and Second year Normal are required to give declamations or write essays as they may choose. These rhetoricals are usually given in connection with Chapel service, but may be given before the public.

Preparatory Department.

The Preparatory Course is outlined to fully prepare for the Classical and Scientific Courses. The instruction is given by the same professors in charge of the college work, and the privileges of the Preparatory students are the same as those of the college.

The first year in both Classical and Scientific Courses covers advanced work in the common English branches, a whole year being given to Arithmetic and Geography—descriptive and physical. In Arithmetic, Ray's New Higher is the text book followed and is supplemented by work from the seventh grade of Prince's Arithmetic. In United States History in addition to the careful study of Ridpath's Academic Edition, some additional reading and examinations of copies of original documents has been required. Next year supplementary reading and the study of public documents will be considerably increased, owing to better facilities for such work.

Recognizing the fact that the study of Latin is one of the best aids to the understanding of the English grammar, the study of Latin begins in this year, and two terms are given to the grammar and reader, and the last to Cæsar. Teachers, or those preparing to teach, will find this an excellent year of preparation for their work, at the same time a credit can be given on the regular college courses.

The second year carries the study of Latin, thru three books of Cæsar and two books of Virgil.

The Fall term of sixteen weeks is given to Physiology, five hours per week. In the Winter and Spring terms the Constitution of the

United States is studied. In these two studies special care is exercised to give the pupils a thoro practical knowledge of these sciences. The study of Algebra is begun and carried thruout the year.

In the third year, in both Classical and Scientific Courses Virgil and Cicero are studied during the year's work in Latin; the Greek Grammar and Reader is studied thruout the year in the Classical Course and German is begun in the Scientific Course.

Avery's Natural Philosophy is studied during the Fall and Winter terms, and Botany (using Gray as a text book) during the Spring term. In Mathematics two terms are devoted to Geometry and one to Advanced Algebra.

Normal Course.

This course has been arranged to meet the demands for competent and professionally trained teachers. The course of study is equal to that of the State Normal. This department receives the same careful attention given to other departments.

Many of the students are availing themselves of the opportunities afforded by the Normal Course. The Normal students receive the same privileges as the students of the other departments and are received on equal terms in the College societies.

Equally careful instruction is given in both the academic and professional branches. During the last year of the course each candidate for graduation is required to do actual teaching. The teaching is done at all times under the direct supervision of the regular professors and instructors, who offer such suggestions and kindly criticism as each student may need.

Classes in the common branches are taught during the entire year, to meet the needs of teachers, and those preparing to teach, who are not able to be in school more than one or two terms.

Those holding second grade certificates are admitted to this course without an examination. Others are required to pass an

entrance examination. Thoro work is required, and the passing grade for each study of the course is 80 per cent.

The State Certificate.

Under the new law, the State Board adopted the following as a full and comprehensive outline of the work to be done in the teachers' course in connection with the art courses of approved institutions:

"1. A course of twenty weeks in History of Education. 2. Ten weeks in Philosophy of Education. 3. Ten weeks in School Law. 4. Ten weeks in School Management. 5. Ten weeks in Methods of Instruction. All the foregoing to be given by the professor of Pedagogy. 6. One Teachers' Course of twenty weeks in some other department of the institution, which must include—(a), A broad review of the field in which the course is given; (b), a development of the principles involved in the successful teaching of the subject and its correlates in the secondary schools of the State; (c) a study of comparative value of authorities and methods and the uses of material aids in teaching; and, if possible, (d), actual practice in teaching for not less than ten weeks."

The A. B. and B. S. Courses of Cooper Memorial have been approved by the State Board.

It is expected that a suitable man will be put at the head of the Pedagogical Department.

The new law does not interfere with the old regulations governing the Normal Courses and State certificates given at the completion of the Normal Course. In it an examination will be required in the five professional branches as heretofore.

The new law is specially beneficial to students who complete the A. B. and B. S. work. All such students are in the way of getting a life certificate, but they must take the pedagogical work in addition to their regular course of study.

Musical Department.

Miss Carrie McClurkin.

During the year the following branches have been taught: Piano, Voice, Violin and Harmony.

The Pianoforte.

The following gives a general idea of the work pursued: Technical Studies of Mason, Krause and Tausig; Mathew's Graded Course; Halles Selected Studies; Loeschhorn Etudes, Op. 65, 66 and 67; Heller, Op. 45 and 13; Studies from Cramer, Moscheles and Chopin; Selections from Bac'h, Mozart and Beethoven, as well as Modern Composers.

The Voice.

In this department students are taught how to use the voice properly; pure intonation, easy execution, and breath control. Technical exercises, scales and vocalizes by Abt, Concone and Marchesi will be used.

The Violin.

The king of all instruments, the Violin, has received special attention. Correct position and bowing is sought after from the beginning. The course is Dancs's and David's Methods; Kayser,

Mazas, Kreutzer, Hermann, Fiorillo and Rode Etudes; with modern and classic compositions.

Harmony.

The study of Harmony is necessary, as it gives a better understanding and therefore a greater enjoyment of music. Bussler's, Stephen A. Emery's and Richter's Harmony Manuals are used.

There has been a Notation and Chorus Class formed, and the object has been to study the rudiments of vocal music and sight reading, and cultivate the musical taste of its members studying choral works.

Tuition is paid to the College treasurer in advance. No deduction for lessons missed, unless previously excused or protracted illness.

Tuition Rates

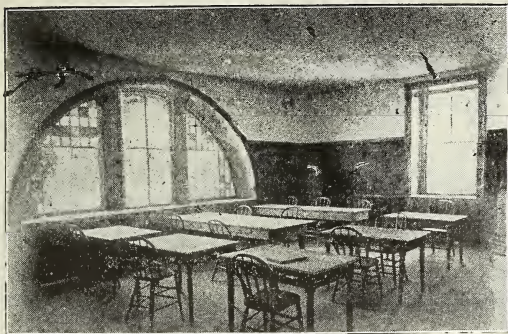
For a term (twenty lessons), Piano, Voice or Violin.....	\$10.00
Harmony Class (twenty lessons).....	5.00

A nominal fee will be charged those entering the chorus, to defray incidental expenses.

For Fall Term	\$.75
For Winter term50
For Spring Term.....	.50

Work for Next Year.

Miss Jeannette Philips, of Little Rock, Arkansas, will be the principal of the Musical Department next year. She has studied in Chicago and New York City, and is taking a special course in Toronto, Canada, this summer. She has taught for several years, and has been able to arouse great enthusiasm in her work, especially in voice training chorus classes. The new building will be of great advantage to this department.



A CORNER OF THE COMMERCIAL DEPARTMENT.

Commercial Department.

The commercial work during the past year has included Arithmetic, English Grammar, Commercial Law and Book-keeping. Classes in Arithmetic and English Grammar are maintained thruout the year. In Commercial Law, the careful study and review of Bryant's Commercial Law and Business Forms is required. Students are allowed to do individual work in Book-keeping. This method allows one to enter at any time during the year and begin with any part of the work he may be able to carry. Also he is allowed to proceed as fast as his ability may permit. This is a great advantage over instruction in class. Those who have had a part of the Book-keeping work at the college can begin again at any time just where they were in the work. The aim is to offer our students the same advantages in the study of Book-keeping that are offered in business colleges.

The Book-keeping of the Normal Course is also taught in this de-

partment. In this class, instruction is given, since Book-keeping is ordinarily taught in class in the public schools, and teachers desire some knowledge of methods for teaching the subject in class. Powers' Complete Accountant is the textbook used in both Commercial and Normal Departments.

Art Department.

The advantage derived from a thoro study of the principles of Art, can not be overestimated.

The effect of such a training will be felt all thru life.

It tends to increase the powers of perception and appreciation, and leads to the refinement of all one's surroundings. Unusual advantages are offered for this study to those who may come from a distance, and to such, special terms will be made on application. During the past year the studio has been remodeled and enlarged making it very attractive and commodious. It is supplied with necessary equipments for the free use of pupils. Instructions given in Charcoal and Crayon Drawing, Pastel, Oil, Water Colors and China Painting. The studio is furnished with a kiln for China Painting.

For further information apply to Alice M. Brown, Art Instructor.

Chapel Talks and Lecture Courses.

Special opportunities have been enjoyed during the past year, for hearing speakers of local and national reputation. Very many interesting chapel talks have been given before the students by visitors to the college. Besides these a number have given chapel talks by special request, among whom we mention, Miss Gladdys M. Hunt, County Superintendent of Public Instruction, who spoke to the Normal students; Dr. J. D. Rankin, of Denver, who also delivered a lecture on «Our Boys;» Mr. J. E. Junkin, of this city, on the theme of travel; Rev. I. C. Rankin, of Ottawa, on «The Battle of Life;» Prof. T. W. Conway, Superintendent of City Schools, on «Inspirations of Poetry and Painting.»

During the fall festival at the M. E. Church these lectures were given: Rev. A. B. Hestwood on «My Chance,» Dr. L. H. Murlin on «Nails That Tear My Coat,» and Dr. Carl Swenson on «Uncle Sam as He Is Today.»

Under the auspices of the Ladies M. I. C., of the city, a lecture course was given as follows: Wagner's Male Quartet, Dr. Eugene May, John R. Clark, Maro the Magician, Patricola Grand Concert. Besides these a number of good entertainments, both in the city and college, have been accessible to any who desired to attend.

Acknowledgements

During last summer's vacation, the citizens of Sterling contributed more than \$800 to finish the lower story of the College

building. The Museum, Laboratory, Gymnasium and one class room are on this floor. It is but fitting that there should be a formal expression of thanks to the many generous donors who helped to secure the completion of these rooms.

It is not possible to publish the names of all contributing to this object, nor is it possible to give the names of the many other friends who have contributed to the endowment of the College and to the current fund.

On the 5th of July, Mr. Archie Cooper, of San Francisco, Cal., a brother of Dr. J. T. Cooper, died, leaving all of his property except \$1,700, to Cooper Memorial College. The estate amounts to \$6,900. It is not known yet how much the College will receive.

Mr. T. H. Brown donated a piano to the Musical Department.

From the Board of Education \$702.00 were received during the past year.

The total contributions to the College for the past year amount to between four and five thousand dollars.

Rev. J. A. Ferguson, Dennison, Kansas, Books and Fossils.

Bert X. Tucker, Sterling, Ks., Fossils and Taxidermy Specimens.

Mr. Stavely, Lyndon, Kan., Magazines.

J. E. Junkin, Sterling, Kan., Periodicals for Reading Room.

Publishers Lyons Republican.

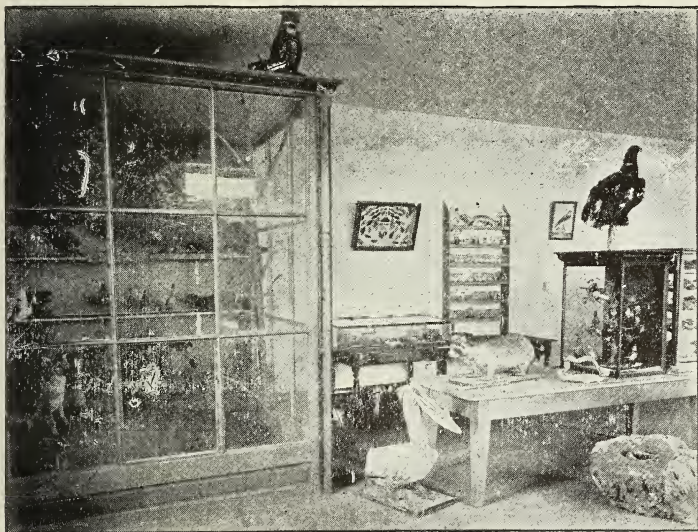
United Presbyterian, Christian Instructor and Midland.

FORM OF BEQUEST.

Those who intend to devise property to Cooper Memorial College are requested to employ the following Form of Bequest.

«I hereby give, devise and bequeath unto Cooper Memorial College of Sterling, Kansas, the sum of.....dollars.»

If other than money is willed, the Form should be varied to suit the kind of property which it is desired to bequeath.



THE MUSEUM

Alumni.

1892.

ESSINGTON H. LEES, B. S.; Lawyer, Sterling, Kansas.

1893.

JAY F. BEAMAN, B. S. ; Student Civil Engineering, State University,
Lawrence, Kansas.

ARCHIE C. REES, A. B. ; Farmer, Sterling, Kansas.

EDWARD T. REES, A. B. ; Farmer, Newton, Iowa.

1894.

GEORGE F. W. BENN, A. M. ; Licentiate, Allegheny, Pennsylvania.

EDGAR H. BLACK, A. B. ; Minister, Duquoin, Kansas.

1895.

TALMON BELL, A. B. ; Professor of History and Political Economy,
Cooper College.

1896.

MINNIE LEE3. B. S. ; Sterling, Kansas.

WILLIAM A. PHILLIPS, A. B. ; Pastor, Allegheny, Pennsylvania.

DELLA M. SPENCER, B. S., Sterling, Kansas.

1897.

ELLA E. CRUM, B. S., Teacher, Garnett, Kansas.

CALEB B. ELLIOTT, Delta, Colorado.

WILLIAM T. HOOD, B. S., Real Estate, Omaha, Nebraska.

JOHN M. KIRKWOOD, B. S., Student of Law, Chicago, Illinois.

JESSE G. LISTON, Principal Township Schools, Coffee, Indiana.

1898.

JOHN U. BRUSH, A. B., Student of Theology, Allegheny, Penn.

WILLIAM FINLEY, B. S., Farmer, Lyons, Kansas.

MABEL GRANDY, B. S., Sterling, Kansas.

ORIN A. KEACH, A. B., Student of Theology, Allegheny, Penn.

OTTO W. NEWBY, A. B., Professor of Logic and English Literature,
Cooper College.

BELL S. SMITH, B. S., Teacher, Garnett, Kansas.

ESTELLA M. STORMONT, B. S., Teacher, Sterling, Kansas.

E. VERA STRONG, B. S., Sterling, Kansas.

W. PAUL STORMONT, B. S., Art Student, Sterling, Kansas.

E. CASSIE WIGGINS, Teacher, Sterling, Kansas.

Register of Students.

Senior.

Mathews, David Calvin, <i>cl</i>	Sterling
McMillan, Herbert Bratton, <i>cl</i>	LaSalle, Colo.
Meyer, William Henry, <i>sc</i>	Anthony
Spencer, Eva Josephine, <i>sc</i>	Sterling
Squire, Sarah, <i>sc</i>	Sterling
Thomson, James Floyd, <i>sc</i>	Sterling
Tucker, Bert X. <i>nor</i>	Sterling

Junior.

Allen, Ava Marella, <i>cl</i>	Sterling
Baldwin, Izora, <i>nor</i>	Sterling
Kerr, Lewis Alfred, <i>cl</i>	Americus
McCoy, John Reynolds, <i>cl</i>	Stafford
Trueheart, Marion, <i>sc</i>	Sterling
Van Nest, May Beatrice, <i>nor</i>	Sterling

Sophomore.

Randle, Wilbert Ischam, <i>cl</i>	Sterling
Sanders, Bella May, <i>sc</i>	Cottonwood Falls
Sanders, Nellie Arvilla, <i>sc</i>	Cottonwood Falls
Spencer, Edna Rosalia, <i>sc</i>	Sterling

Freshman.

Brown, Rufus Clyde,	Sterling
Brown, Lee L. <i>sc</i>	Sunnydale
De La Vergne, Grace Loretta, <i>nor</i>	Sterling
Gilchrist, William Scott, <i>sc</i>	Walton

Graham, Ross Wallace, <i>sc</i>	Sterling
Ross, Cora C. <i>sc</i>	Sterling
Stahl, Walter W. <i>cl</i>	Lyons
Tharp, Stafford Charles, <i>cl</i>	Sterling
Tice, Ira Nelson, <i>special</i>	Beloit
Van Dalsem, Judith Anna, <i>sc</i>	Frederick
Venard, Thomas S. <i>special</i>	Ness City
Wallace, Ralph Foster, <i>cl</i>	Sterling
Weede, Garfield Wilson, <i>cl</i>	Sterling
Westenhaver, Mattie Wilda, <i>special</i>	Sterling
Whitzel, Arthur E. <i>special</i>	Sterling
Wilson, Andrew W. <i>sc</i>	La Crosse
Wirshing, Mary Elizabeth, <i>special</i>	Sterling

Preparatory.

Acheson, John Merle.....	Greeley
Black, Harry G.....	Stafford
Blakely, Guy Waite.....	Lyons
Butler, Helen.....	Lyons
Butler, Mary.....	Lyons
Carpenter, Paul.....	Sterling
Carter, Curtis Luther.....	Sterling
Deardorf, Ella May.....	Geneseo
Dobbin, Benjamin Miller.....	Peotone
Dougherty, Elizabeth Estelle.....	Sterling
Dougherty, William Wallace.....	Sterling
Early, Mrs. Lulu.....	Sterling
Edgar, Morris McClurkin.....	Sterling
Elliott, Esther.....	Sterling
Gilliland, James F.....	Wendover, Tenn.
Guthrie, James C.....	Walton

Guttery, Olive Frances, <i>nor</i>	Sterling
Hain, Nellie May.....	La Crosse
Hinshaw, Jonathan Dixon.....	Sterling
Hobson, Mrs. Mary.....	Sterling
Horton, Madison F. <i>nor</i>	Sterling
Johnson, Pearl, <i>nor</i>	Saxman
Keys, Kate May.....	Sterling
Keys, Mary Ella.....	Sterling
McCarroll, Clara Bruce.....	Sterling
McCarroll, John Hunter.....	Sterling
McElroy, T. A.....	Sterling
Meyer, Guy Roy.....	Anthony
McNett, Glenn Millard.....	Lyons
Monroe, Charles Eugene.....	Lyons
Moore, Bertha.....	Ulysses
Mumford, William B.....	Jetmore
Mustard, Paul French.....	Sterling
Nash, Clarence A.....	Sunnydale
O'Brien, Thomas A.....	Lyons
Randle, Lillian Edith.....	Sterling
Simpson, James David.....	Sterling
Smith, James.....	Sterling
Smith, Louie May.....	McMinnville, Tenn.
Smith, Myrtle N.	Sterling
Spencer, Wilda.....	Sterling
Squire, Harris Elmore, <i>nor</i>	Duquoin
Sterett, Mary Joanna.....	Sterling
Stevens, Leela	Sterling
Summerland, James.....	Birmingham
Tippin, Robert Clide.....	Sterling
Warren, William John.....	Edgerton
Yeilding, Richard A.	Chase

Art Department.

Atkinson, Nettie	Sterling
Bacon, Della.....	Sterling
Baldwin, Izora.....	Sterling
Brown, Mrs. W. T.....	Sterling
Carson, Mabel.....	Sterling
Chennell, Pearl.....	Sterling
English, Mrs. W.....	Sterling
Farrar, Madge.....	Turon
Guttery, Olive	Sterling
Higley, Mrs. D. B.....	Sterling
Hunt, Gladdys	Lyons
Kautz, Ninnie.....	Sterling
Kern, Anna.....	Sterling
Keys, Mary.....	Sterling
Lees, Minnie	Sterling
McGee, Maud.....	Sterling
Newby, Mrs. Otto.....	Sterling
Smith, Bessie.....	Sterling
Shay, Mrs. R. J.....	Sterling
Spencer, Della.....	Sterling
Spicher, Mrs. Mattie.....	San Francisco, Cal.
Trueheart, Virginia.....	Sterling
Tyrrell, Mrs. J. T.....	Sterling
Van Dalsem, Anna.....	Frederick
Welch, Laura.....	Pitcairn, Pa.
Wickersham, Mrs.....	Sterling
Williams, Wesley.....	Sterling
Wingett, Mrs. Ella.....	Sterling
Wirshing, Sallie.....	Sterling

Primary Drawing Class.

Arlington, Minnie	Sterling
Brown, Amy.....	Sterling
Denning, Emily.....	Sterling
Denning, Mattie.....	Sterling
Green, Lillie.....	Sterling
Hughes, May.....	Sterling
Laskey, Helen	Sterling
McVay, Cecil.....	Sterling
McVay, Wayne.....	Sterling
Newman, May.....	Sterling
Porter, Nellie.....	Sterling
Rogers, Maud.....	Sterling
Roy, Edith.....	Sterling
Roy, Bessie.....	Sterling
Smith, Goldie	Sterling
Van Dalsem, Olive.....	Sterling
Wingett, Alice.....	Sterling

Musical Department.

Voice.

Black, Harry.....	Stafford
Brown Lee	Sunnydale
Caywood, Eugene.....	Alden
Clark, Emma	Sterling
Finney, Braden.....	Sterling
Jones, Arthur	Sterling
Martin, Mark.....	Sterling
Meyer, Wm. H.....	Anthony

Meyer, Guy	Anthony
McKirahan, Everett.....	Sterling
McMillan, Will.....	La Salle, Col.
McMillan, Albert.....	La Salle, Col.
McCoy, J. R.....	Stafford
Nash, Clarence.....	Sunnydale
Randle, Lillian	Sterling
Randle, Wilbert.....	Sterling
Smith, James.....	Sterling
Smith, Maud.....	Sterling
Sheets, Myrtie	Sterling
Tharp, Charles	Sterling
Tucker, Bert X.....	Sterling
Woleslagel, Jason.....	Sterling
Wilson, Andrew.....	La Crosse
Violin.	
Atkinson, Walter.....	Sterling
Heter, Wiley.....	Sterling
Junkin, George.....	Sterling
Johnston, Claud.....	Sterling
McMillan, Albert.....	La Salle, Col.
Taylor, Myrtie	Sterling
Tharp, Charles	Sterling
Harmony.	
Guttery, Olive	Sterling
Johnston, Pearl	Saxman
Van Nest, May.....	Sterling
Piano.	
Avery, Elizabeth	Avery
Caywood, Eugene.....	Alden
Clark, Emma	Sterling
Gish, Lora.....	Sterling
Heter, Edith.....	Sterling

Humphrey, Mabel.....	Sterling
Johnston, Jay.....	Sterling
Means, Kitsey.....	Sterling
McKirahan, Anna.....	Sterling
McCarroll, Clara.....	Sterling
Pearson, Mae E	Sterling
Ross, Cora.....	Sterling
Ramsey, Grace.....	Sterling
Randle, Lillian.....	Sterling
Smith, Bessie.....	Sterling
Smith, Flora.....	Chase
Strong, Vera.....	Sterling
Spencer, Eula.....	Sterling
Stow, Susan	Sterling
Terrell, Blanche.....	Sterling
Taylor, Laura.....	Sterling
Weiss, Valeria.....	Sterling

The New U. P. Church.

Sterling has nine Churches occupying their own buildings. Of these, the largest was erected the past year by the United Presbyterians at a cost of \$6,000. It is located on Broadway, has a seating capacity of 800 and is kindly given for many College exercises. The Church is modern in style with art windows, furnishings, carpets, etc., and provides a Church home for many of the students

Summary.

I.	Alumni.....	25
		<hr/>
II.	College Department	
	Seniors.....	7
	Juniors.....	6
	Sophomores	4
	Freshmen.....	17
III.	Preparatory Department	48
		<hr/>
	Total Literary Department.....	82
IV.	Art Department	46
V.	Music Department	55
		<hr/>
	Total Enrollment	183
	Less names repeated	27
		<hr/>
	Whole number of students	156

Capital, Surplus and Undivided Profits \$85,000.

Incorporated

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OF STERLING, KANSAS.

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HAMILTON IRISH, Vice-Pres.

THOMAS ATKINSON, Cashier

C. A. STUBBS, Asst. Cashier.

HON. ANSEL R. CLARK.

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C. E. Amend,

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1899/1900

The Cooper Quarterly

July, 1900 Vol. 4, No. 15

Entered at the Sterling, Kansas, Postoffice as second-class matter.

*Cooper
Memorial
College*



Sterling, Kansas

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UNIVERSITY OF ILLINOIS
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ART AND HISTORY
OF THE
CITY OF BOSTON

THIRTEENTH

ANNUAL CATALOGUE

OF

Cooper Memorial College

STERLING, KANSAS,

FOR THE

Academical Year Ending June 14, 1900.

Bulletin Print, Sterling, Kansas.

1900.

Calendar 1900-1901.

1900.

May 21, Monday.....Summer Normal Begins
June 10, Sabbath, 3:30 p. m.....Sermon before Prayer Guild
by Rev. E. H. Black, Mayfield, Kansas
June 10, Sabbath, 8 p. m.. Baccalaureate Sermon by the President
June 11, Monday, 8:15 p. m.....Entertainment by Students
June 12, Tuesday, 8:15 p. m.....Annual Concert
June 13, Wednesday, 10 a. m.....Annual Meeting of Senate
June 13, Wednesday, 8:15 p. m.....Annual Address by R. W.
McClaughry, Warden U. S. Penitentiary, Ft. Leavenworth, Kan
June 14, Thursday, 8:15..... Commencement Exercises
June 29, Friday.....Summer Normal Closes
September 3, Monday, 1 p. m.....Entrance Examination
September 4, Tuesday, 1 p. m.....Fall Term Begins
October 29, Monday.....Mid-Term Begins
November 29-30.....Thanksgiving Recess
December 20, Thursday.....Fall Term Closes

1901.

January 1, Tuesday, 1 p. m.....Winter Term Begins
February 10, Sabbath.....Day of Prayer for Colleges
February 22.....Observance Washington's Birthday
March 21.....Winter Term Closes
March 27, Tuesday, 1 p. m.....Spring Term Begins
May 20.....Summer Normal Begins
June 13.....Spring Term Closes
June 28.....Summer Normal Closes

College Senate.

DIRECTORS.

Rev. J. W. Long, D. D., President.....	Springfield, Missouri
Rev. James White, D. D.....	Arkansas City, Kansas
Rev. C. H. Strong, D. D.....	Sterling, Kansas
Rev. S. M. Hood.....	Nortonville, Kansas
Rev. J. T. Wilson.....	Sterling, Kansas
Rev. J. S. Turnbull.....	Peotone, Kansas
Rev. J. C. Gibney.....	Sunnydale, Kansas
Rev. J. H. Gibson.....	Pittsburg, Kansas
Rev. W. L. Garges.....	Newton, Kansas
Rev. F. W. Wilson.....	Americus, Kansas
J. C. Johnston.....	Sterling, Kansas
A. B. Gilchrist.....	Walton, Kansas
James G. Berry.....	Sterling, Kansas
I. L. McCracken.....	Sterling, Kansas
S. A. Wilson, Sec. and Treas. of Endowment.....	Sterling, Kansas

TRUSTEES.

J. Hanna, President.....	Sterling, Kansas
J. W. Duff, Secretary.....	“ “
A. H. Stormont, Treasurer of Current Funds.....	“ “
T. H. Brown.....	“ “
W. B. Graham.....	“ “
H. Irish.....	“ “
E. H. Lees.....	“ “

LADIES' ADVISORY BOARD.

Mrs. A. R. Clark, President.....	Sterling, Kansas
Miss Anna Kern, Secretary.....	” ”
Mrs. T. H. Brown.....	” ”
Mrs. C. H. Strong.....	” ”
Mrs. F. M. Spencer.....	” ”
Mrs. A. Taggart.....	” ”
Mrs. P. P. Trueheart.....	” ”
Mrs. E. E. Lynch.....	” ”
Mrs. J. E. Junkin.....	“ ”

Faculty and Instructors.

REV. F. M. SPENCER, D. D.,
President, and Professor of Mental and Moral Science.

REV. C. H. STRONG, D. D.,
Professor of Bible Study.

S. A. WILSON, A. M.,
Professor of Ancient Languages.

J. G. THOMPSON, A. M.,
Professor of Mathematics.

MISS ANNA KERN,
Lady Principal and Professor of Modern Languages.

TALMON BELL, A. B.,
Professor of History and Economics.

MISS ALICE M. BROWN,
Professor of Art.

OTTO W. NEWBY, A. B.,
Professor of Logic and Literature.

PEARLE AIKIN,
Instructor in Elocution and Dramatic Literature.

MISS JEANNETTE PHILLIPS,
Musical Director.

T. W. CONWAY,
Principal of Summer Normal.

RICHARD COYLE,
Instructor in Stenography.

M. H. STARKE,
Instructor in Bookkeeping and Penmanship.

Officers of Faculty.

Registrar, J. G. THOMPSON.
Secretary, MISS ANNA KERN.
Recorder, TALMON BELL.

College Environment.

Sterling, the seat of Cooper Memorial College, is one of the prettiest towns in Kansas, and on account of her almost numberless trees is called «Forest City.» Sub-irrigation from the Arkansas River, two miles away, causes trees to grow very rapidly. The Arkansas Valley is fertile and is rapidly developing.

The population of Sterling is over 2,000 and is increasing steadily. An unusual number of buildings are now in course of erection. Electric lights, a telephone system and waterworks are some of her conveniences. Brick walks are rapidly taking the place of the old board walks, and new parks have been recently added.

The Missouri Pacific and the main line of the Santa Fe cross at Sterling, giving convenient railroad advantages. Several trains run north, south, east and west every day.

Rice is one of the best counties in Kansas. Wheat, oats, corn, sorghum, broomcorn and live stock are staple products. The dwarf broomcorn raised in Rice County makes Sterling the largest market for this product in the world. More than \$100,000 are annually paid out here for broomcorn. The county is underlaid with a stratum of salt about 500 feet thick, very nearly pure. The salt industry in Hutchinson, Sterling and Lyons is an important one.

There are no saloons in Sterling. The State prohibitory law is well enforced and drunkenness is almost unknown. Many of the young people have never seen either a saloon or a drunk man. Social and church privileges are superior. There are twelve church organizations and ten church buildings. There are three school-buildings. Two rooms were added three years ago and four are to be added this summer. The high school is an honor to Sterling and to Kansas.

Historical Sketch.

In October, 1886, the Sterling Land and Investment Company offered a site and building for a College to the United Presbyterian Synod of Kansas, on condition that the Synod endow the institution. The Synod accepted the offer and was allowed five years to raise the endowment. In October, 1891, a deed for the building and campus was delivered by the Sterling Land and Investment Company to the Synod of Kansas, the required endowment of \$25,000 having been raised.

The College was opened for students in 1887. The enrollment, at first small, has steadily increased. The enrollment for the current year is about 250, a gain of nearly one hundred over the previous year. The first collegiate class was graduated in 1892. Since that time a class has graduated each year. When the college was first opened, but one of the three floors had been completed. The entire building has since been finished. It is in every way adapted to College work. After Commencement, last year, Wilson Hall was erected by Rev. J. T. Wilson as a home of young ladies. It is a beautiful place. The musical department has headquarters in the Hall.

The corporate powers of the College are vested in the Senate which consists of seven Trustees and fourteen Directors. The Directors are elected biennially by the Synod of Kansas of the United Presbyterian Church. The trustees are elected annually.

Building and Equipment.

The Literary Department is located in a three-story building in the center of a campus of ten acres in the north part of the city.

The College building is constructed of Strong City limestone and is furnished throughout, and is a beautiful and substantial structure. It has a front of one hundred and twenty feet and a depth of fifty feet. Besides the recitation rooms there are also in this building, the chemical and physical laboratories, the museum, the gymnasium, the library, the chapel and the two society halls. The Music Department and Ladies Dormitory are housed at Wilson Hall, one block south of the College building proper. The Art Department is located in its own studio in the business part of Sterling.

The commodious Chapel on the third floor amply accommodates all the ordinary College gatherings. It has been newly papered this spring. The recitation rooms are large and well lighted and are suitably equipped for good class work.

Laboratories and Instruments.

The Chemical Laboratory is equipped for elementary chemistry and for Qualitative Analysis. It is fitted with individual desks and has all necessary glassware, crucibles, blowpipes, thermometers, electrolytic apparatus, balances, reagents, etc.

Water from the city main is in the room, and tables for convenient use in experimenting. There is a side shelf with a complete line of reagents for analysis.

For the Physical Laboratory an apparatus room on the first story is reserved. Experiments are conducted in the Main Laboratory room, which has a granitoid floor insuring firm support for instruments. The Normal class makes such apparatus as can be constructed. The College owns a new double plate Holtz electric machine with X-ray attachment of Crook's Tube and Edison's Fluoroscope. A series of fine radiographs have been taken by this outfit, many of them of important medical cases for resident phy-

sicians. Sufficient apparatus for one hundred experiments is on hand. It is expected that important additions will be made for use in classes the coming year.

Botanical Laboratory work is done with the use of two large power microscopes and with suitable instruments to accompany them.

Biological Laboratory reagents sufficient for the ordinary College course of Experiments are kept.

The use of a refracting telescope for the class in Astronomy is secured. It has a three-inch objectal and magnifies 110 diameters.

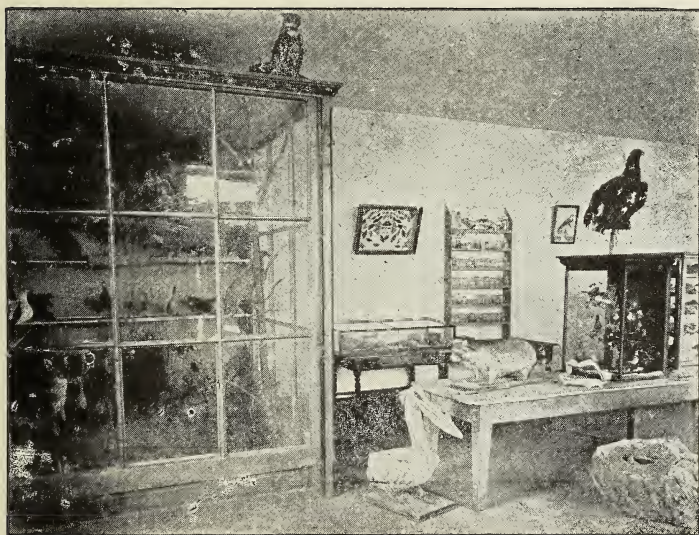
Surveying instruments for field work have been purchased by the College.

A Growing Museum.

The Museum is provided with material in four distinct lines. The Zoological specimens include a Smithsonian collection illustrating marine invertebrate life, birds' eggs and skins and a considerable collection of stuffed specimens of birds and mammals. There has been a large increase in the number of these made during the past year. The Mineralogical and Lithological collection contains an assortment of minerals from various parts of the United States. Colorado and Kansas are especially well represented. All sections of our own State are represented. The Geological portion embraces a collection of fossil plants and animals belonging to each geologic age. During the past year a very valuable collection of rocks and fossils from Egypt and the Holy Land was presented to the college by Rev. John White of the American Mission in Egypt. Through the efforts of students and other friends the collections illustrative of the work in Zoology and Geology are being constantly increased. The Botanical specimens include ivories, woods and herbarium collections. It is the aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students.



Wilson Hall.



The Museum.

Auxiliary Equipments.

A Gymnasium has been fitted up on the first floor. The room is supplied with horizontal bars, rings, trapeze and chest weights.

The College possesses a considerable Library. During the year the department of History has increased its working equipment largely by the purchase of valuable historical works. In addition to the College Library each of the two literary societies has a Library.

The literary societies have each a good hall, well furnished. Fine pictures are on the walls, the work of their own members. The societies have taken much pride in furnishing their halls. Each owns its own piano.

The Music Department of the College purchased two new Kimball pianos for its work last Fall. It has been necessary to rent an additional one during the year. There are six pianos in use in connection with the musical work of the school.

College Organizations.

The Chrestomatheon Literary Society was organized in 1888. The society has an elegant hall, which is seated with opera chairs. It has a new upright piano and a library of over five hundred volumes.

The Theomoron Literary Society was organized in 1894. The hall, in every respect equal to that of the other society, is beautifully furnished and seated. A fine-toned piano and a library of three hundred volumes belong to the society.

Both societies meet on Friday evening of each week. They are doing a good grade of work. An inter-society contest is held at the close of each fall term. Medals are presented to the members of the graduating class by their respective societies. These socie-

ties afford superior opportunities in literary training, for cultivation in the art of public speech, and an excellent drill in parliamentary law and the usages of deliberative bodies.

The Students' Prayer Guild, organized in 1897, is one of the most energetic and successful organizations of the College. It meets on Monday evening of each week. The work has been carefully planned, the attendance has been good and the interest well sustained. It is an uplifting factor in the student life.

The Athletic Association, the Football and Baseball Teams and the two Tennis Clubs have stimulated a decided interest in outdoor athletics, supplemented by regular gymnasium practice, during the year.

The Cooper Courier, first published in 1892, has been published continuously ever since. The corps of editors are elected annually by the student body. The paper is a monthly magazine, giving much attention to literary subjects, and has a well sustained reputation. It is distinctly a student paper and accurately represents College life.

The Cooper Quarterly is published every three months by the faculty of the institution. Its design is to bring the claims of the College before the patrons of the institution. From ten to fifteen thousand copies are issued each quarter. It will be sent to any address for ten cents a year. Specimen copies gratis.

Library and Reading Room.

There are about 1,000 volumes accessible to the students for general reading in addition to the society libraries. Works of reference are at hand. Some additions are made each year to the various libraries. The reading tables are in daily use during sessions of College. The following periodicals have been on file the past term:

McClure's Magazine.	Collier's Weekly.
Cosmopolitan.	Missionary Review.
Scientific American.	Gospel Union News.
Saturday Evening Post.	Hutchinson News (daily).
Kansas City Star (daily).	Patent Record.
United Presbyterian.	Sterling Bulletin.
Midland.	Lyons Republican.
Christian Instructor.	Western College Monthly.
Gospel of Peace.	Economist.
School and Fireside.	

College exchanges and many occasional papers.

We are indebted to the publishers of our church and local papers for files furnished for the Reading Room. Good use is made of the books and periodicals by the students. A number of donations of books have been made to the college in past years and these are always acceptable.

College Dues.

Tuition in collegiate classes and in those of the 3d and 4th year Normal, and the Commercial Department.

1st, Regular Tuition:

Fall Term, Sixteen weeks.....	\$13 00
Winter Term, Twelve weeks.....	10 00
Spring Term, Twelve weeks	10 00

Total for the year in advance.....\$33 00

2nd, Tuition in the Preparatory Department and in the First and Second year Normal:

Fall Term, Sixteen weeks.....	\$11 00
Winter Term, Twelve, weeks.....	8 50
Spring Term, Twelve weeks	8 50

Total for the year in advance.....\$28 00

3d, Special Fees:

For graduating in any course.....	\$5 00
Chemical Laboratory, Elementary Course.....	3 00
Chemical Laboratory, Advanced Course.....	2 00
Physical Laboratory Advanced Course	1 00
For special examination	2 00

Tuition and fees are due in advance. If paid the first week of each term, a reduction of one dollar per term will be made. Ministers' children one-half of college tuition rate by the term.

Admission.

Any person of good moral character, not too young to do the work, may be admitted as follows:

1. To Junior Preparatory class, on giving evidence of sufficient knowledge of the common branches to carry the required subjects.

2. Normal Department. See description of Normal Courses.

3. Candidates for admission to the Freshmen Class are required to satisfactorily pass an examination in the subjects of the Preparatory Department, or to present a certificate from high school or college, showing that equivalent work has been done in a satisfactory manner. An applicant may be admitted although deficient in some of these requirements, provided such deficiencies are not so serious, as in the judgment of the Faculty to interfere with his doing the regular work; but all deficiencies must be made good within a reasonable period.

4. Persons desiring to pursue some special line of study, without becoming candidates for a degree, are allowed to register after having gained the consent of the instructors under whom the work is to be carried on, and approval of the Faculty. Special students are subject to the same discipline as regular students. Regular attendance upon recitations and examinations is required.

Scholarship.

Following an established custom a scholarship is offered to the pupils in the graduating classes of the Sterling and Lyons High Schools. A scholarship has also been offered to the pupil ranking highest in the county common school examination in this and a number of neighboring counties. These scholarships are good for

the next year following examination, and will be given if used. Particulars relating to these scholarships may be obtained by corresponding with the President.

Examinations.

Examinations are held upon the completion of a subject. In determining the final grade upon any subject the average recitation grade and the examination grade count each one-half. Other examinations may be held at such times as the instructor may choose. No student is entitled to credits unless all fees have been settled.

Reports.

Grades received in the various subjects studied are read in Chapel at the close of each month. At the end of each term a report of the credits received for term is sent to parent or guardian.

Contests.

The Third Annual Contest between the Chrestomatheon and Theomoron Literary Societies was held at the close of the Fall Term and was an event of unusual interest. All twelve points were won by the Theomoron Society. The performances were all of a high standard. The question chosen for next year is: "Resolved, That cities should own and control all the public franchises now conferred upon corporations."

A declamation contest open to the Preparatory Department was held during the Winter Term. Miss Belle Hawley, of Geneseo, won the first prize and Miss Zada Patton, of Sterling, the second. During the coming year, beside the annual society contest, contests in declamation and oratory with prizes offered will be open to the students.

Rooms and Boarding.

The college is fortunate in being able to offer the very best home-like boarding facilities. Most of the students rent rooms

and take their meals in one of the clubs. These clubs are managed by private parties of experience and reliability, and have given excellent satisfaction. Regularity, good manners and order is the rule; family worship is maintained. Economy is practiced as far as can be, and a good table kept.

Furnished rooms near the college can be obtained at the rate of 50 cents a week for each person two in a room. Boarding alone, ranges from \$1.65 to \$2.00 per week. Light, fuel and washing extra, but can be had at a low rate. Board and lodging in private families all furnished at \$3 per week. Houses for families or rooms for self board at a reasonable cost. A list of the regular clubs is given. Inquiries may be made direct, or through the president.

Mrs. A. D. Mustard at her home on Sixth Street, has for eight years received students and others as boarders. She maintains a first class establishment. Her home is about five blocks from the college. For five years a large number of students have taken meals at the McCarroll club, one block from the college. Many who room outside take meals there. It is in charge of Mrs. A. B. McCarroll, who is a good manager, so that, altho her rates are low, she keeps a good table and gives full satisfaction. She always has a large club. The past year Mrs. J. B. Moore conducted a club about two blocks from the college. Both at the county normal and here, Mrs. Moore has earned a fine reputation.

Wilson Hall.

Since last Commencement Rev. J. T. Wilson has erected on Broadway, one square south of the college campus, an elegant home for young ladies, at a cost of \$5,000. It is also headquarters for the Music Department. On the first floor there are reception rooms, double parlors, a large diningroom, kitchen, bathroom, etc. On the second and third floors there are nine rooms for boarders. The house is well finished and furnished. It is heated by furnace, lighted by acetylene gas and is provided with both cistern and city water.

Mrs. Wilson is matron of Wilson Hall. She has had considerable experience in caring for girls and young ladies and her management of the home is very satisfactory. Young ladies who enjoy the comforts of well ordered homes need not fear to come to Wilson Hall. They can there have the care and conveniences to which they have been accustomed.

RATES—Second Floor: Board, room and light, \$2.75 per week, two in a room. Heat extra, 25 cents each, or 50 cents a room. Third Floor: \$2.50 per week, two in a room. Heat, 50c a room.

These terms are on the basis of advanced payments, otherwise an additional charge will be made.

Table of Total Expenses.

It is the constant aim of the College authorities to keep expenses down to the minimum consistent with good health, first class facilities, and best working power of students.

Parents planning to send children to college always estimate the expenses. To facilitate this estimate, the following table of expenses is provided. These estimates include all expenses, such as tuition, room rent, fuel, light, laundry, meals; in fact, all necessary college expenses.

Estimated Cost by the Year for Forty Weeks.

	SELF BOARD.	CLUB BOARD.	PRIVATE BOARD.
Board, etc.....	\$35 to \$50.....	\$80 to \$90.....	\$100 to \$140
Tuition.....	\$25	\$25	\$25
Books.....	\$5 to \$10	\$10	\$10
Total.....	\$65 to \$85.....	\$115 to \$125.....	\$135 to \$175

To find the cost of a term divide by 10 and multiply by the

number of months in a term, then add two or three dollars.

Those in advanced classes add \$5 per year tuition.

The above includes all necessary expenses. By request several students of the past year gave an itemized statement of college expenses. The footings show total cost of those boarding in clubs \$134.15, of those who were self boarding, \$69.92.

A small allowance should be added to the above for personal expenses, such as railroad travel, clothing, etc. These vary with the habits of the students. The majority of those attending the college wish to live economically and the temptation to spend is not great. This fact counts in reducing the final total cost of attending college.

FORM OF BEQUEST.

Those who intend to devise property to Cooper Memorial College are requested to employ the following Form of Bequest:

«I hereby give, devise and bequeath unto Cooper Memorial College of Sterling, Kansas, the sum of.....dollars.»

If other than money is willed, the Form should be varied to suit the kind of property which it is desired to bequeath.

Synopsis of Classical Course.

FRESHMAN YEAR.

First Term.

Mathematics—Higher Algebra, Wentworth.
 Greek—Anabasis, Goodwin.
 Latin—Horace, Lincoln.
 Biology—Sedgwick & Wilson.

Second Term.

Mathematics—Trigonometry, Wentworth.
 Greek—Iliad, Seymour.
 Latin—Horace, Lincoln, 4 weeks.
 Botany, Gray's School and Field Book, 8 weeks.
 Biology, 4 weeks—Sedgwick & Wilson.

Third Term.

Mathematics—Trigonometry and Surveying.
 Greek—Iliad, Seymour.
 Botany—Gray's School and Field Book.
 Latin—Tacitus, Tyler.

SOPHOMORE YEAR.

First Term.

Mathematics—Analytical Geometry, Wentworth.
 Greek—Memorabilia, Robbins.
 Latin—Plautus.
 History—English, Green.

Second Term.

Mathematics—Analytical Geometry, Nichols, 4 weeks; Calculus, Taylor, 8 weeks.
 Greek—Memorabilia.
 Latin—Terence.
 History—English, Green.

Third Term.

Mathematics—Calculus, Taylor.
 Greek—Greek Testament, Westcott & Hort.
 Latin—Prose Composition.
 English—Milton.

JUNIOR YEAR.

First Term.

Chemistry, Remsen. Laboratory, 4 hours per week; recitation 3 hours.
 Greek—De Corona, D'Ooge.
 English Literature, Shaw.
 Rhetoric—Advanced, Hill.

Second Term.

Chemistry, Remsen. Laboratory, 4 hours per week; recitation, 3 hours.
 Physics, Olmstead. Laboratory, 2 hours per week; recitation, 4 hours.
 Greek—De Corona, 4 weeks; Plato's Apology, Tyler, 8 weeks.
 English Literature, Shaw.

Third Term.

Physics, Olmstead. Laboratory, 2 hours per week; recitation, 4 hours.
 Greek—Aeschylus, Prometheus Bound.
 Political Economy, Walker.
 Ethics, Wayland.

SENIOR YEAR.

First Term.

Zoology, Packard's Advanced Course.
 Logic, Schuyler.
 Psychology, Porter.
 Political Economy, Walker.

Second Term.

Astronomy, Newcomb & Holden.
 Zoology, Packard, 4 weeks.
 Geology, Dana, 8 weeks.
 Evidences of Christianity, Alexander.
 Psychology, Porter.

Third Term.

English—Shakespeare.
 Philology—Comparative, Lectures.
 Geology, Dana.
 History of Philosophy, Schwegler.

Synopsis of Scientific Course.

FRESHMAN YEAR.

First Term.

Mathematics—Higher Algebra, Wentworth.
 German—Classics.
 Latin—Horace, Lincoln.
 Biology—Sedgwick & Wilson.

Second Term.

Mathematics—Trigonometry, Wentworth.
 German—Classics.
 Biology, 4 weeks—Sedgwick & Wilson.
 Latin—Horace, Lincoln.
 Botany, Gray, 8 weeks.

Third Term.

Mathematics—Spherical Trigonometry.
 German—Classics.
 Latin—Tacitus, Tyler.
 Botany, Gray's Field Book.

SOPHOMORE YEAR.

First Term.

Mathematics—Analytical Geometry, Wentworth.
 German—Goethe's Faust.
 Chemistry, Remsen. Laboratory, 4 hours;
 recitation, 3 hours.
 History—English, Green.

Second Term.

Mathematics—Analytical Geometry, Nichols,
 4 weeks. Calculus, Taylor, 8 weeks.
 German—Nathan Der Weiser.
 Chemistry, Remsen.
 History—English, Greene.

Third Term.

Mathematics—Calculus, Taylor.
 German, Ekkehard.
 Ethics, Wayland.
 Surveying.

JUNIOR YEAR.

First Term.

Advanced Chemistry. Qualitative Analysis.
 French.
 English Literature, Shaw.
 Rhetoric—Advanced, Hill.

Second Term.

Advanced, Chemistry, 4 weeks.
 Physics, Olmstead, Laboratory, 2 hours per
 week; recitation, 4 hours.
 French.
 English Literature, Shaw.
 Advanced Physiology, 8 weeks, Martin.

Third Term.

Physics, Olmstead. Laboratory, 2 hours per
 week; recitation, 4 hours.
 French.
 Political Economy, Walker.
 Advanced Physiology, Martin.

SENIOR YEAR.

First Term.

Political Economy, Walker.
 Zoology, Packard's Advanced Course.
 Logic, Schuyler.
 Psychology, Porter.

Second Term.

Astronomy, Newcomb & Holden.
 Geology, Dana.
 Evidences of Christianity, Alexander.
 Psychology, Porter.

Third Term.

English—Shakespeare.
 Philology—Comparative, Lectures.
 Geology, Dana.
 History of Philosophy, Schwegler.

Synopsis of Normal Course.

FIRST YEAR.

First Term.

Arithmetic—Ray's Higher.
 English Grammar, Maxwell.
 History—United States, Ridpath.
 Geography—Descriptive, Rand-McNalley.

Second Term.

Arithmetic—Ray's Higher.
 English Grammar, Maxwell.
 History—United States, Ridpath.
 Geography—Physical, Guyot.
 Penmanship.

Third Term.

Arithmetics—Ray's Higher.
 English Grammar, Maxwell.
 Orthography.
 Geography—Physical, Guyot.
 Parliamentary Law, Roberts.

SECOND YEAR.

First Term.

Mathematics—Algebra, Wentworth.
 Composition and Rhetoric, Hart.
 Constitution—United States, Andrews.
 Latin—Grammar and Lessons, Allen & Greenough, and Jones.

Second Term.

Mathematics—Algebra, Wentworth.
 History—General, Myers.
 Composition and Rhetoric, Hart, 4 weeks.
 Physiology, Blaisdell, 8 weeks.
 Latin—Grammar and Lessons, Allen & Greenough, and Jones.

Third Term.

Mathematics—Algebra, Wentworth.
 History—General, Myers.
 Physiology, Blaisdell.
 Latin—Cæsar, Harper & Tolman.

THIRD YEAR.

First Term.

Mathematics—Geometry.
 Natural Philosophy, Avery.
 Zoology, Packard.
 English Literature, Shaw.
 Bookkeeping.

Second Term.

Mathematics { Geometry, Chauvenet.
 { Trigonometry, Wentworth.
 Zoology, Packard, 4 weeks.
 Botany, 8 weeks, Gray.
 Natural Philosophy, Avery.
 Methods of Teaching, Wickersham.
 Music, 8 weeks.

Third Term.

Mathematics—Surveying, Wentworth, 5 weeks.
 Botany, Gray.
 Political Economy, Walker.
 Methods of Teaching, Wickersham.
 Music.

FOURTH YEAR.

First Term.

Chemistry, Remsen. Laboratory, 4 hours
 per week; recitation 3 hours.
 History of Education, Painter.
 Psychology, Porter.
 Kindergarten.
 Drawing.

Second Term.

Chemistry, Remsen, 4 weeks.
 History of Education, Painter, 4 weeks.
 Geology, Dana, 4 weeks.
 Astronomy, Newcomb & Holden.
 Psychology, Porter.
 Teaching and Criticism.
 Drawing.

Third Term.

Geology, Dana.
 Philosophy of Education, Rosencrans.
 School Law.
 School Management, Wickersham.
 Teaching and Criticism.

Synopsis of Preparatory Department.

Classical and Scientific Course.

JUNIOR.

Classical and Scientific.

First Term.

Latin } Grammar, Allen & Greenough.
 } Reader, Jones' Latin Lessons.
 Arithmetic, Ray's Higher.
 History—United States, Ridpath.
 Geography, Descriptive, Rand-McNally.

Second Term.

Latin } Grammar, Allen & Greenough.
 } Reader, Jones' Latin Lessons.
 Arithmetic, Ray's Higher.
 History, United States, Ridpath.
 Geography, Physical, Guyot.

Third Term.

Latin, Cæsar, Harper & Tolman.
 Arithmetic, Ray's Higher.
 Geography, Physical, Guyot.
 English Classics.

MIDDLE.

Classical and Scientific.

First Term.

Latin, Cæsar, Harper & Tolman.
 Constitution, United States, Andrews.
 Algebra, Wentworth.
 Composition and Rhetoric, Hart.

Second Term.

Latin, Virgil, Harper & Miller.
 Composition and Rhetoric, 4 weeks.
 Physiology, Blaisdell, 8 weeks.
 Algebra, Wentworth.
 General History, Myers.

Third Term.

Latin, Virgil.
 Physiology, Blaisdell.
 Algebra, Wentworth.
 General History, Myers.

SENIOR.

Classical.

First Term.

Cicero, Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 Greek } Grammar.
 } Reader, White's First Greek Book.

Second Term.

Latin, Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 Greek } Grammar.
 } Reader, White's First Greek Book.

Third Term.

Latin, Cicero, De Senectute.
 Geometry, Chauvenet.
 Greek, Anabasis, Goodwin.
 Trench, Study of Words.

SENIOR.

Scientific.

First Term.

Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 German, Steiger & Harris.

Second Term.

Latin, Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 German, Reading and Conversation.
 Geometry, Chauvenet.

Third Term.

Latin, Cicero, Essay, De Senectute.
 Geometry, Chauvenet.
 German, Reading and Conversation.
 Trench, Study of words.

Synopsis of Academic Course.

FIRST YEAR.

First Term.

Arithmetic—Ray's Higher.
 English Grammar—Maxwell.
 History—United States, Ridpath.
 Geography—Descriptive, Rand-McNally.

Second Term

Arithmetic—Ray's Higher.
 English Grammar—Maxwell.
 History—United States, Ridpath.
 Geography—Physical, Guyot.

Third Term.

Arithmetic—Ray's Higher.
 English Grammar and Orthography.
 Geography—Physical, Guyot.
 Parliamentary Law, Roberts.

SECOND YEAR.

First Term.

Algebra—Wentworth.
 Composition and Rhetoric—Hart.
 Constitution—United States, Andrews.
 Latin—Grammar and Lessons.

Second Term.

Algebra—Wentworth.
 History—General, Myers.
 Composition and Rhetoric, 4 weeks.
 Physiology—Blaisdell, 8 weeks.
 Latin Grammar and Lessons.

Third Term.

Algebra—Wentworth.
 General History—Myers.
 Physiology—Blaisdell.
 Cæsar—Harper & Tolman.

THIRD YEAR.

First Term.

Geometry—Chauvenet.
 Natural Philosophy—Avery.
 Cæsar—Harper & Tolman.
 Zoology—Packard.

Second Term.

Geometry—Chauvenet.
 Zoology and Botany.
 Natural Philosophy—Avery.
 Virgil.

Third Term

Solid Geometry.
 Botany, Gray.
 Virgil.
 Trench.

FOURTH YEAR.

First Term.

English Literature—Shaw.
 Chemistry—Remsen.
 Psychology—Porter.
 Logic—Hill.

Second Term.

Astronomy.
 Geology—Dana.
 Chemistry—Remsen.
 English Literature—Shaw

Third Term

Geology—Dana.
 Political Economy—Walker
 Ethics—Wayland.
 Shakespeare.

Description of Courses.

Classical.

This course is the full equivalent of similar courses in the best colleges. It is designed to furnish broad culture, and at the same time to prepare thoroughly for any of the learned professions. Graduates of this course have proved themselves worthy competitors of the graduates of eastern colleges, both in professional and post-graduate study.

The groundwork of the course consists of Latin, Greek and Mathematics. The work in these lines is supplemented by the study of History, the English language and Literature and the Sciences. Thus a course is given, having the advantages of the Classical Courses of earlier times and at the same time familiarizing the student with modern thought and progress.

Scientific.

In this course the Greek is omitted and also one year of the Latin required in the Classical Course. Instead, there are required one year of French, three of German and additional work in Mathematics and the Sciences.

This course meets the modern demand for a scientific education. The college has already a considerable amount of material and apparatus for experiment and illustration in teaching the Sciences.

The scientific work of the college is designed to be rigid in character and up-to-date in method.

Academic Course.

We have added this year another course of study in order to accommodate a class of students who do not look forward to a profession, but desire a good substantial education.

It is of about the same grade as the Normal Course, but does not contain the professional subjects required for the life certificate. Graduates from the High School can complete this course in two years.

The completion of this course does not entitle to a degree in the proper sense, but a diploma will be conferred, just as diplomas are now conferred on graduates from the Normal Department.

In the past quite a number of students have taken the full work required by this course and have left the college without anything to indicate the work done. This course provides for these students. It is not expected that students who are taking either the Classical or Scientific Courses will be turned aside into this shorter course.

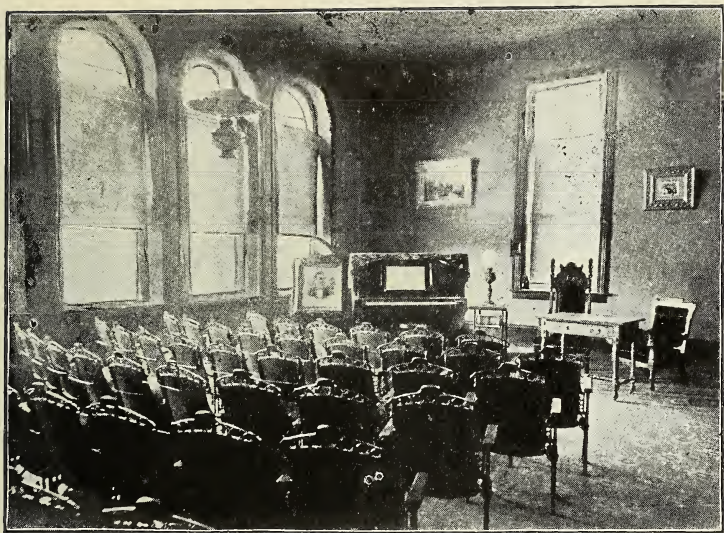
Psychology and Philosophy.

Porter's Intellectual Science and Schwegler's History of Philosophy are the text books. A whole year is given to these subjects. Consciousness, presentation, thought and intuition are each in turn investigated. At every step the appeal is made to experience to corroborate the dictum of the author.

A term in the Junior year is devoted to the study of Moral Philosophy, theoretical and practical. One term of the Senior year is given to Logic. The design is to familiarize the student with all the more general forms of reasoning. The syllogism and the detection of fallacies received special attention. Dr. Schuyler's text book is used.

English.

In the preparatory year one term is devoted to a careful study of English Classics. Works of the best authors are read and discussed in the class room.



Chrestomatheon Literary Hall.



Thecmoron Literary Hall.

In the Freshman year of the collegiate courses, Trench on the Study of Words is made the basis of one term's work. The design is to create a taste for word study. Each member of the class is expected to be on the alert to find new words or words of special import. Several hundred words not in the text book have been carefully studied this year.

During the Spring Term Milton's *Paradise Lost* is studied. Memory work is required daily. Milton's verse, his exact use of words, his wonderful descriptions and his classical references are all investigated. Theses on assigned topics are required from each member of the class.

English Literature is studied during the two terms of the Junior year. Three lines of work are followed in this subject. Shaw's work on English Literature is used as a basis. It gives a bird's eye view of the whole field. Supplementary to this, several works of the best authors are read and carefully discussed in the class room. This gives a thorough knowledge of a few standard books and their authors. In addition to this, critiques on both English and American subjects are required from each member of the class. Some time is also spent discussing the authors of the day. This requires individual investigation and systematic formation of facts gathered by research.

Shakespeare is studied one term by the Seniors. A critical study of two plays and a number of passages committed to memory are required. Collateral studies are also given.

The rudiments of Philology are presented in the last term of the Senior year, in both Scientific and Classical Courses. A general view of language is presented, showing something of the relationship of the members of the various families of speech, with a sketch of the history of the English language and of the causes which bring about change.

Rhetoric.

In the earlier work, Hart's *Composition and Rhetoric* is used. Outside of text book, original work is required. A thorough drill

in writing essays is given. Special attention is paid to the preparation of outlines for these essays. In later work, Hill's Science of Rhetoric is used. The design is to prepare the student for effective speaking. The laws of the mind and the adaptation of truth to the thinking mind so as to lead to action are carefully studied. In argumentation the effect of a *priore* and a *posteriore* arguments are studied in actual discussion.

Greek.

The Greek course is begun in the Senior Preparatory year, and is continued throughout the Classical Course until the close of the Junior year. It is the aim to secure a good foundation in the grammatical principles of the language, so that in reading the authors studied there may be a ready appreciation of the thought and literary excellence. In the last term's work a Greek play is studied, which may be a different one from that of the preceding year.

Latin.

Latin is begun in the Junior Preparatory year, and the most advanced work is in the Sophomore Classical Course. The Roman system of pronunciation is used. In the first year's work, special effort is made to make evident the indebtedness of the English Grammar and lexicon to the Latin, for explanation of forms and derivatives. The course is intended to give exercise in the study of the different styles of literature in the period of its highest development.

Zoology and Geology

Together occupy one full year's time in their study. The study is made from advanced text books. Collateral reading and research are also required. Theses are required upon assigned topics. The Museum furnishes specimens illustrative of both these sciences.

Mathematics.

The study of mathematics has three uses; first, as a mental discipline in developing the mathematical habits of exactness in detail,

logical method, planning to an end, the study of conditions, use of devices, and the investigation of relations; second, for a large application in practical life; and, third, as a foundation for the thorough study of Physics, Astronomy, etc.

The pre-eminent disciplinary value of mathematical studies is kept steadfastly in view; and it is believed that no other branches can take their place in supplying accuracy of thought and language, or capacity for exact, abstract, and sustained reasoning.

In the Preparatory and Normal classes students spend three years in the study of Arithmetic, Algebra, and Geometry, dividing the time equally among them. It is of exceeding importance that this ground-work should be well laid. Hence, the more thorough equipment and preparation the student can bring to his work the better. He should not attempt to enter any class in advance of his real attainments. The advice of the professor in charge must be accepted as to the fitness of the pupils to enter or continue in one of these studies. Much original work in problems is required. The note book and written test are made use of in this department.

Geometry, solid and spherical, and Higher Algebra belong to the College courses. The latter embraces chapters in Logarithms, Series, Permutations, Theory of Limits, of Numbers, and of Equations.

Plain and Spherical Trigonometry with applications to Surveying is next in order.

In Analytics the geometrical and algebraical methods of proof are united in a systematic study of the line, circle, parabola, ellipse and hyperbola; a short study of the higher plane curves is appended.

The Calculus, Differential and Integral receives one-half year's attention, with much practical application.

These courses must be pursued consecutively. It is better to have no break in the pursuit of these courses.

Some attention will be given to the history of mathematics.

Astronomy.

One 12-week term is given to this branch. In addition to text book work several evenings are spent in observations. Both naked-eye and telescopic work is done. Newcomb & Holden's text is used. Young's Uranography is the basis of observations. During the past year a high power telescope has been added.

Chemistry.

The course in Chemistry consists of two terms in General Chemistry for both Classical and Scientific students in which descriptive and theoretical Chemistry are studied from text book and Laboratory practice. The Chemical Laboratory is well furnished. Half the time for twenty weeks is given to the Laboratory, where each student is expected to perform for himself at least one hundred experiments.

In the Scientific Course twenty weeks in Qualitative Analysis follows the elementary work.

All experimental work must be carefully recorded in note books, by description, diagram and chemical equation and formula.

A fee of \$3.00 is charged to cover the expense of chemicals used.

Biology.

In this subject two lines of work are followed, recitation and laboratory. The textual work is based on Sedgwick & Wilson's Biology; and the experimental on Pillsbury's Laboratory Guide. The past year two high power microscopes, and some glasses of moderate power have been used, and the necessary chemical reagents supplied. One-half of the Freshman year is devoted to the subject.

Physiology.

In Physiology two courses are open. The preparatory work is based on Blaisdell's Practical Physiology, with other works available as reference. The advanced course follows Martin's Human Body. One-half year is spent on each subject.

History.

The course in History covers eighty weeks with daily recitations. Twenty-eight weeks are given to United States History. Ridpath's Academic Edition is used as a text. In addition to the study of the text book, students are required to use the Library for the investigation of many of the subjects. A Library containing many of the sources of History and the works of the best writers on American History makes the study both interesting and profitable. Along with his study and investigation the student is required to fix in mind such an outline of the subject as will enable him to call up the principal events of any given time in our history and give the primary facts concerning those events.

English History is studied for twenty-eight weeks. The work includes the thorough study of Green's Short History of the English People. Gardener's Atlas of English History is used to give the student the necessary knowledge of the Geography of the time and places studied.

Twenty-four weeks is given to the study of General History. The work includes the thorough study of Myers' General History.

German.

The study of German extends through the Senior Preparatory, Freshman and Sophomore years of the Scientific Course. During the first two terms special attention is paid to correct pronunciation, grammatical forms, rules of syntax, translating English into German, reading easy German. Rapid reading is the aim of the third term's work. The second and third years are devoted to the study of masterpieces of German literature, in connection with advanced work in German and composition. Conversation exercises accompanying the work of the three years.

Botany.

Eighteen weeks are given to this subject. Gray's School and Field Book is used. After the text book has been mastered the

Members of the class commence the work of analyzing and pressing flowers. Each member is expected to analyze from sixty to one hundred native plants and preserve the pressed specimens in a blank book. Kansas furnishes a great variety of beautiful specimens for this purpose. Laboratory work is also required.

Political Economy.

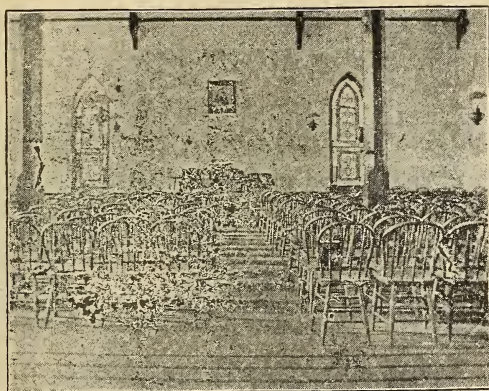
Political Economy is studied for twelve weeks. The work consists of a careful study of Walker's Advanced Course with discussion of the different subjects therein treated. After this year more time will be given to Political Economy, and the course will be extended and much more work required.

Bible Study.

Weekly Bible lessons are taught throughout the year. During the past year the students have been taught in one section. The lessons have been on Bible characters of the Old and New Testaments, and have been both interesting and profitable. There is a growing interest in this department of study.

Chapel Rhetoricals.

Students are required to give a rhetorical each term. All in the regular College classes are required to give orations. Students in the Preparatory Department or First and Second year Normal are required to give declamations or write essays as they may choose. These rhetoricals are usually given in connection with Chapel service, but may be given before the public.



THE CHAPEL.

Preparatory Department.

The Preparatory Course is outlined to fully prepare for the Classical and Scientific Courses. The instruction is given by the professors in charge of the college work and the privileges of the Preparatory students are the same as those of the college.

The first year in both Classical and Scientific Courses covers advanced work in the common English branches, a whole year being given to Arithmetic and Geography—descriptive and physical. In Arithmetic, Ray's New Higher is the text book followed and is supplemented by work from the seventh grade of Prince's Arithmetic. In United States History in addition to the careful study of Ridpath's Academic Edition, some additional reading and examinations of copies of original documents has been required. Next year supplementary reading and the study of public documents will be considerably increased, owing to better facilities for such work.

Recognizing the fact that the Study of Latin is one of the best aids to the understanding of the English Grammar, the study of Latin begins in this year, and two terms are given to the Grammar.

and Reader, and the last to Cæsar. Teachers, or those preparing to teach, will find this an excellent year of preparation for their work, at the same a credit can be given on the regular college courses.

The second year carries the study of Latin through three books of Cæsar and two books of Virgil.

The Fall Term of sixteen weeks is given to Physiology, five hours per week. In the Winter and Spring Terms the Constitution of the United States is studied. In these two studies special care is exercised to give the pupils a thorough practical knowledge of these sciences. The study of Algebra is begun and carried throughout the year.

In the third year, in both Classical and Scientific Courses, Virgil and Cicero are studied during the year's work in Latin; the Greek Grammar and Reader is studied throughout the year in the Classical Course and German is begun in the Scientific Course.

Avery's Natural Philosophy is studied during the Fall and Winter Terms, and Botany (using Gray as a text book) during the Spring Term. In Mathematics two terms are devoted to Geometry and one to advanced Algebra.

Normal Department.

Normal Course.

The Normal Course has been arranged to meet the demands for competent and professionally trained teachers. The course of study is equal to that of the State Normal. This department receives the same careful attention given to other departments.

Many of the students are availing themselves of the opportunities afforded by the Normal Course. The Normal students re-

ceive the same privileges as the students of the other departments and are received on equal terms in the College societies.

Equally careful instruction is given in both the academic and professional branches. During the last year of the course each candidate for graduation is required to do actual teaching. The teaching is done at all times under the direct supervision of the regular professors and instructors, who offer such suggestions and kindly criticism as each student may need.

Classes in the common branches are taught during the entire year, to meet the needs of teachers, and those preparing to teach, who are not able to be in school more than one or two terms.

Those holding second grade certificates are admitted to this course without an examination. Others are required to pass an entrance examination. Thorough work is required, and the passing grade for each study of the course is 80 per cent.

The State Certificate.

Under the new law, the State Board adopted the following as a full and comprehensive outline of the work to be done in the teachers' course in connection with the art courses of approved institutions:

«1. A course of twenty weeks in History of Education. 2. Ten weeks in Philosophy of Education. 3. Ten weeks in School Law. 4. Ten weeks in School Management. 5. Ten weeks in Methods of Instruction. All the foregoing to be given by the professor of Pedagogy. 6. One Teachers' Course of twenty weeks in some other department of the institution, which must include—(a), A broad review of the field in which the course is given; (b), a development of the principles involved in the successful teaching of the subject and its correlates in the secondary schools of the State; (c) a study of comparative value of authorities and methods and the uses of material aids in teaching; and, if possible, (d), actual practice in teaching for not less than ten weeks.»

The A. B. and B. S. Courses of Cooper Memorial have been approved by the State Board.

The new law does not interfere with the old regulations governing the Normal Courses and State certificates given at the completion of the Normal Course. In it an examination will be required in the five professional branches as heretofore.

The new law is specially beneficial to students who complete the A. B. and B. S. work. All such students are in the way of getting a life certificate, but they must take the pedagogical work in addition to their regular course of study, and must take the examination in the five professional subjects.

Summer Normal.

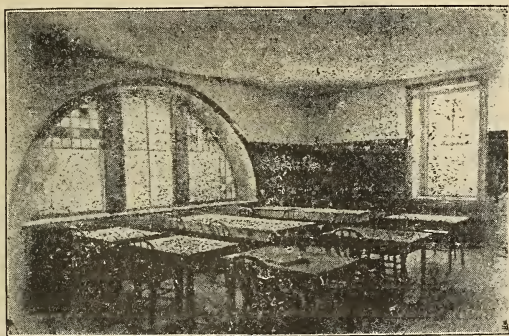
In order to meet more fully the demand for normal work, a Summer Normal has been organized. It opened on May 21st, and the attendance is quite good. It is expected that this will be a permanent feature of the year's work. The present term will close on June 30th. Coming at the close of the High School, many from this school are taking the work.

The aim is to prepare teachers more fully for their work, and to give young people who expect to teach, such drill as may fit them for teaching.

Prof. T. W. Conway assisted by the regular professors, constitute the teaching force. The large experience of Prof. Conway in High School and Institute work gives assurance of thoroughness in whatever he undertakes.

A Model School is one of the features of this term. Enough pupils in grade work to give actual teaching to prospective teachers, are in attendance.

Reviews and lectures on teaching will be given in view of county examinations for certificates. It is becoming more difficult to obtain certificates to teach. The hurried work of the four weeks of the regular County Normal is insufficient to prepare for examinations. Six weeks in the Summer Normal will tell when examinations come.



IN THE COMMERCIAL DEPARTMENT.

Commercial Department.

Commercial Course.

This course includes Bookkeeping, Business Practice, Commercial Arithmetic, Commercial Law, Grammar and Correspondence, Commercial Spelling, Business Forms and Penmanship.

The time required to complete this course depends largely upon the ability and application of the student. A fair knowledge of Arithmetic to begin with will enable the industrious student to complete the course easily in six months. Some can finish in less time. Some who have not made as good preparation may require more time.

The conditions which existed in this country until a few years ago, made it possible for men of ordinary intelligence and of little education to win success. But the conditions which now exist are very different, and only men of well trained intellect can hope to succeed in business. The progressive teacher will ascertain just what qualifications business men require, and will train his students to meet these requirements.

Bookkeeping.

The instruction in this branch is almost wholly individual, and is so managed as to enable each student to pursue his work independently of anyone else. He need have no fear of being held back on account of dull students, or of being unduly pushed forward on account of more advanced ones. Our plan is to lead the student step by step from the simpler principles and work to that which is more difficult and complicated. While mastering the principles of Bookkeeping, the student puts his knowledge into practice by writing up sets, illustrative of various methods of keeping books. By this method the student is enabled to combine theory and practice in a most effective manner. Those who have studied Bookkeeping before entering are allowed to take such advanced work as they are able to do. Improvements are being made in the methods of Bookkeeping from time to time. The instructors in this department are careful that their work is entirely up-to-date.

Business Practice.

When one has become thoroughly familiar with the methods of Bookkeeping, he will begin a thorough training in Actual Business Practice. Here he will enter into actual business for himself, with a cash capital, buy and sell merchandise, have dealings in real estate, transact business with the bank, make and draw up the different forms of commercial paper and be made familiar with many other points illustrative of business life.

Commercial Law.

There can really be no business education without a knowledge of the laws governing business transactions. The course requires a careful study of a good text book and includes the following subjects: Agency, Agreements for Personal Services, Bailments, Contracts, Common Carrier, Copyright, Fire Insurance, Guaranty, Lien, Negotiable Paper, Partnership, Real Property, Sale of Personal

Property, Shipping, Stoppage in Transitu and Warranty. In addition to these subjects attention will be given to legal decisions and the forms of business paper.

Commercial Arithmetic.

The aim is to secure accuracy and rapidity in the process of addition, subtraction, multiplication and division. These simple processes mean much to a business man, yet there are comparatively few people who can perform them well. They are the first steps in arithmetic the pupil must take, yet the pupils in the public schools seldom attain such skill in them as is desired by a business man. It is attempted to correct any deficiency of the student in the use of these four rules. A thorough knowledge of fractions, denominate numbers, percentage and the various applications of percentage, including interest, stocks and bonds, commission and brokerage, discount, etc., is given in this subject. Special attention is given to such short methods of solution as have been found of advantage and commended themselves to the business world.

Grammar and Commercial Correspondence.

It is aimed to give the student the essentials of Grammar. This is necessary to everyone who would win the respect of the business world, and is especially so to everyone who does commercial correspondence or pretends to be a competent stenographer or typewriter. The subjects necessary to enable a student to write a business letter correct as to Grammar, style, punctuation, etc., are insisted upon and carefully taught.

Commercial Spelling.

This is a subject of no small importance, and, from the number of poor spellers which one meets, it is quite evident that some attention should be given to this matter. We have, therefore, arranged to help those requiring it to become proficient spellers, and more especially, as it pertains to words of everyday occurrence.

Business Forms.

Our course is so arranged that the student becomes familiar with the different kinds of business forms while pursuing the other branches of the course.

Business Penmanship.

The purpose is to assist the student in acquiring a good business handwriting, such as will be found the most advantageous for practical life. We teach the muscular movement as a basis on which a good, free and easy handwriting depends. This is developed mainly by judicious practicing of movement exercises, and these, as given by us, form an important factor in this line of work. Special attention is also given to the best forms of letters.

Shorthand.

In this valuable and practical study Cooper, during the past year, has offered advantages equal to the very best, both in the ability of the instructor and in the system taught. The Isaac Pitman system is taught, which, in competition with all other systems, has been adopted by the public schools of New York, Brooklyn, St. Louis and many other cities of the United States. The Phonetic Society, organized under this system now numbers over 20,000 members. There are three publishing houses connected with it, publishing exclusively Isaac Pitman Phonetic publications, and the wealth of literature issued, amounting to double that of all other systems combined, is a marked feature of the advanced position the system holds in the shorthand world today, and an invaluable aid to the student in both learning to write and read.

Art Department.

This department has been in charge of Miss Brown since its establishment in 1888. With the growth of the College it has made good progress, year by year adding more extensive equipments and affording better facilities for work.

It has been the aim of the instructor to keep fully up with the times in the constantly developing field of Art, and with this in view, she has at different times availed herself of the opportunity to take instruction of those who have made a special study of some line of the work.

Part of last summer's vacation was spent in Denver studios acquiring new ideas, the result of which has been quite apparent in the year's work.

Art exhibitions have been held this year in Hutchinson and Lyons with good results.

The new Water Color studies and large collections of decorated China in the studio also testify to this fact.

Lessons are given throughout the year, in Oil, Pastel, Water Color and China Painting. The course of instruction in Drawing includes Elementary Drawing, Form Study, outlining from objects and nature, outdoor Sketching, Charcoal and Crayon Drawing.

This course is prepared to meet the wants of teachers who are required to teach drawing in the public schools. Drawing is taught in classes at a very moderate cost.

Students in the Normal Department have two terms of drawing and it is strongly urged on all as a foundation for good work in all kinds of painting and decoration.

Terms.

China Painting Lessons, 3 hours.....	60c
Other Painting Lessons, 3 hours.....	50c

Special rates to college students.

Visitors are always welcome in the Studio.

Music Department.

MISS JEANNETTE PHILLIPS.

Piano Forte.

The number of pupils in this department gives a good idea of the success and interest in the work.

The following studies are used according to the individual needs of each pupil:

Table exercises for acquiring hand position and stroke, Plaidy, Wagner's Instruction, Gurlitt, Loeschhorn, Le Couppey, Heller (Liebling Edition), Liebling's Complete Scales, Doerner's Technique, Czerny's Velocity and Dexterity, Bach's Inventions, Suites and Clavichord, selections from the Sonatines and Sonates, Clementi's Gradus ad Parnassum; pieces from Haendel, Beethoven, Mendelssohn, Liszt, etc., Chopin Etudes, Modern Compositions.

A number of recitals have been given in this department during the year and several pupils have played entire programs as is also the case in the Vocal Department.

Voice.

The following course has been prepared to give a general idea of the work:

Exercises in breath control.

Tone work with all vowels based on a relaxed throat and vitalized diaphragm.

Studies from the Sieber Vocalisen, Nava, Panafka, Bordogni, etc. Old Italian arias, oratorio arias, English, German and French songs.

Harmony.

Bussler's Harmony is used in the notation classes, and Stephen A. Emery's in the advanced classes.

During the entire year a Ladies Chorus has done good work and much interest has been developed.

The Music Department has furnished music for two of the County Teachers Associations, and for many public meetings con-

nected with the college. A concert was given at the close of the Fall Term and another will be given during commencement week.

Tuition is paid monthly to the Musical Director. No deduction for lessons missed unless students have previously been excused or on account of protracted illness.

Tuition Rates.

For a term (twenty lessons), Piano or Voice	\$10.00
Harmony Class (twenty lessons).....	5.00
A nominal fee will be charged those entering the chorus.	
For Fall Term.....	\$.75
For Winter Term50
For Spring Term50

Health Conditions.

The college is located on the plateau of Central Kansas which is mid-altitude between Colorado Springs and sea level. There is much sunshine; the air is dry but not too rare. Very many have found health through living in this section. A number of people in Sterling testify that they owe continued life to this climate, after a trial of other more noted places.

The following is the statement of Dr. P. P. Trueheart, one of the leading physicians of this part of the State:

STERLING, KANSAS, July 17, 1899.

To Whom It May Concern:

This certifies that I have been practicing medicine in Sterling, Kansas, for the past twenty-one years, and that during that period, I have not seen more than a dozen cases of consumption that originated in this vicinity. It is my candid opinion that a better climate cannot be found for those who have an inherited tendency to that disease. Respectfully, P. P. TRUEHEART, M. D.

From the students two cases are given. Rev. Samuel Dempster, now pastor of a Reformed Presbyterian Church, at Toronto,

Canada, came here fresh from office work in Pittsburg, Pa., on the eve of a breakdown. He was greatly benefitted in health by a year spent in the College.

A young lady from Tennessee, who was not able to continue in school at her home has spent three years here as a student. Unable at first to take full work, the last two years she has taken the regular studies, and is now stronger than when she entered.

It is in the school period that many persons begin to develop the seeds of disease. A change to the right climate at this time might effect an entire cure. There are many in school every year who lose health for lack of a change of climate.

The climatic conditions for those attending Cooper Memorial are specially those for the cure of tuberculosis, catarrh, asthma, malaria and kindred diseases.

Not only is the climate beneficial for the above named diseases, and the locality singularly free from them, but many other diseases, which, in some localities are very severe, are much milder here. Among these are diptheria and scarlet fever. Not more than two per cent of the cases of pneumonia prove fatal.

Among some 700 different students enrolled in the past ten years there has not been a single case of serious illness during college sessions.

Alumni.

1892.

ESSINGTON H. LEES, B. S.; Lawyer, Sterling, Kansas.

1893.

JAY F. BEAMAN, B. S.; Student Civil Engineering, State University,
Lawrence, Kansas.

ARCHIE C. REES, A. B.; Farmer, Sterling, Kansas.

EDWARD C. REES, A. B.; Farmer, Newton, Iowa.

1894.

REV. GEORGE F. W. BENN, A. M.; Licentiate, Philadelphia, Pennsylvania.

REV. EDGAR H. BLACK, A. B.; U. P. Pastor, Mayfield, Kansas.

1895.

TALMON BELL, A. B.; Professor of History and Political Economy,
Cooper Memorial College.

1896.

MINNIE LEES, B. S.; Sterling, Kansas.

REV. WILLIAM A. PHILLIPS, A. B.; Pastor, Allegheny, Pennsylvania.

DELLA M. SPENCER (LEES), B. S., Sterling, Kansas.

1897.

ELLA E. CRUM (HOOD), Omaha, Nebraska.

CALEB B. ELLIOTT, Express Office, Delta, Colorado.

WILLIAM T. HOOD, B. S.; Real Estate, Omaha, Nebraska.

JOHN M. KIRKWOOD, B. S.; Lawyer, Chicago, Illinois.

JESSE G. LISTON, Principal Township School, Coffee, Indiana.

1898.

JOHN U. BRUSH, A. B.; Student of Theology, Allegheny, Penn.
WILLIAM FINLEY, B. S.; Farmer, Lyons, Kansas.
MABEL GRANDY (ENGLISH), B. S., Sterling, Kansas.
ORIN A. KEACH, A. B.; Minister, Allegheny, Pennsylvania.
OTTO W. NEWBY, A. B.; Professor of Logic and English Literature,
Cooper Memorial College.

BELLE S. SMITH, B. S.; Teacher, Garnett, Kansas.
ESTELLE M. STORMONT, B. S., Postoffice Assistant, Sterling, Kansas.
E. VERA STRONG, B. S., Sterling, Kansas.
W. PAUL STORMONT, B. S.; Art Student, Chicago, Illinois.
E. CASSIE WIGGINS, B. S.; Teacher, Sterling, Kansas.

1899.

DAVID CALVIN MATHEWS, A. B.; Graduate Student, University of Nebraska, Lincoln, Nebraska.
WILLIAM HENRY MEYER, B. S.; Lumber Office, Medford, Oklahoma.
HERBERT BRATTON McMILLAN, A. B.; Student Theology, Allegheny, Penn.
EVA JOSEPHINE SPENCER, B. S.; Teacher, Sterling, Kansas.
SARAH SQUIRE, B. S.; Teacher, Sterling, Kansas.
J. FLOYD THOMSON, B. S.; Lumber Office, Lyons, Kansas.
BERT X. TUCKER, Normal Student, Sterling, Kansas.
LEWIS ALFERD KERR, A. B.; Student Theology, Allegheny, Pennsylvania.

Register of Students.

cl, Classical Course; sc, Scientific Course; spl, Special Student; n, Normal Course.

Senior.

Baldwin, Izora, <i>n</i>	Sterling
Trueheart, Marion, <i>sc</i>	Sterling
Tucker, Bert X., <i>sc</i>	Sterling
Van Nest, May Beatrice, <i>n</i>	Sterling
*Kerr, Lewis Alfred, <i>cl</i>	Americus.

*A. B. granted August, 1899.

Junior.

Byall, James Bruce, <i>sc</i>	Garnett
Allen, Claude Ramsey, <i>spl</i>	Sterling
De La Vergne, Grace Loretta, <i>n</i>	Sterling
Sanders, Nellie Arilla, <i>n</i>	Cottonwood Falls.
Spencer, Edna Rosalia, <i>sc</i>	Sterling
Brown, Mary Lorena <i>sc</i>	Sterling
Hoenshell, A. D., <i>ab</i>	Sterling

Sophomore.

Brown, Rufus Clyde, <i>sc</i>	Sterling
Graham, Ross Wallace, <i>sc</i>	Sterling
Grove, Cora Mary, <i>sc</i>	Welda
Ross, Amy A., <i>sc</i>	Sterling
Spencer, Frances Eleanor, <i>sc</i>	Sterling
Smith, Maud Ethel, <i>cl</i>	Sterling
Stahl, Walter W., <i>cl</i>	Lyons
Snyder, Frances I., <i>n</i>	Sterling
Weede, Garfield Wilson, <i>cl</i>	Sterling
Wallace, Ralph Foster, <i>cl</i>	Sterling
Tharp, Charles Stafford, <i>cl</i>	Sterling

Freshman.

Byall, Jean Martha, <i>spl</i>	Garnett
Blades, Della, <i>sc</i>	Sterling
Bishop, Alice Irene, <i>cl</i>	Sterling
Bond, John Marion, <i>spl</i>	Sterling
Hanlon, William Leslie, <i>sc</i>	Mayfield
Morrison, Gertrude Elizabeth, <i>n</i>	Sterling
McMillan, Iva, <i>spl</i>	La Salle, Colorado
Mustard, Maud Winona, <i>sc</i>	Sterling
Osthoff, Carrie, <i>n</i>	Sterling
Ross, Cora C., <i>sc</i>	Sterling
Smith, Louie May, <i>spl</i>	McMinnville, Tenn
Seaward, Lesta F., <i>cl</i>	Sterling
Sleeth, Mary Mabelle, <i>spl</i>	Lyndon
Truesdell, Benjamin, <i>n</i>	Sterling
Wilson, Andrew W., <i>sc</i>	La Crosse
Westenhaver, Mattie Wilda, <i>n</i>	Sterling

Preparatory Senior.

Aiken, Anna Maude, <i>cl</i>	Richmond
Acheson, John Merle, <i>cl</i>	Greely
Dougherty, Lizzie Estella, <i>sc</i>	Sterling
Dobbin, Benjamin Miller, <i>cl</i>	Viola
Hawley, Belle Magoffin	Geneseo
Mustard, Paul French, <i>sc</i>	Sterling
McCarroll, Clara Bruce, <i>sc</i>	Sterling
Ramsey, Milton Maurice, <i>n</i>	Geneseo
Sawhill, Robert, <i>sc</i>	Garnett
Spencer, Wilda, <i>sc</i>	Sterling
Squire, Harris Elmore, <i>n</i>	Attica
Warren, William J., <i>cl</i>	Edgerton
Williams, Mrs. E. P., <i>spl</i>	Wichita

Preparatory Middle.

Black, Harry G	Stafford
Blakely, Guy Wait	Lyons
Buttles, Walter A	Sterling
Chase, Frank E	Chase
Gordon, George Guy	Stafford
Ham, Pearl	Lyons
Irvine, William Robert	Americus
Johnston, Pearl	Saxman

Keys, Katherine May.....	Sterling
McCarroll, John Hunter.....	Sterling
Mooney, Mamie E.....	Jetmore
Munford, David Charles.....	Jetmore
Thompson, Le Roy.....	Sterling
Tippin, Robert Clyde.....	Sterling
Williams, Ralph.....	Sterling

Preparatory Junior.

Anderson, Arthur.....	Sterling
Bell, Mary Purdy.....	Holland
Bundy, Harry W.....	Sterling
Buttles, Harry C.....	Sterling
Caldwell, William.....	Geneseo
Carter, Wm. H.....	Sterling
Carnahan, Samuel M.....	Stockdale
Cavins, Anna.....	Sterling
Cook, Dollie.....	Lyons
Cockrell, Maggie I.....	St. John
Eaton, Bertha May.....	Sterling
Edgar, Morris McClurkin.....	Sterling
Elliott, Essie E.....	Sterling
Evans, Archie Ernest.....	Valley Center
Evans, Grace Edith.....	Valley Center
Frederic, Sura Alta.....	Alden
Gerhard, Clara Louise.....	Saxman
Ginder, Ruberta V.....	Sterling
Grant, Edith E.....	Saxman
Hammond, Tracy Lee.....	Sterling
Hill, Harry A.....	Huntsville
Humphreys, Sarah Maggie.....	Sterling
Humphreys, Lillie Mabel.....	Sterling
Jones, John Hobart.....	Saxman
Lamberson, Ethel May.....	Saxman
Livesey, Iva.....	Sterling
Lockwood, Clare S.....	Spivey
Logan, Robert John.....	Holland
Lynch, Mildred Pearl.....	Sterling
Patton, Zada Ann.....	Sterling
Ruggles, Louise.....	Ellinwood
Smith, Myrtle.....	Sterling

Stahl, Ethel Keturah.....	Lyons
Sterrett, De Robb.....	Sterling
Sterrett, Nancy Louise.....	Sterling
Talbott, Albert R.....	Sterling
Watt, Maud	Sterling

Normal Department.

Fourth Year.

Baldwin, Izora	Sterling
Van Nest, May Beatrice	Alden

Third Year.

De La Vergne, Grace.....	Hoisington
Sanders, Nellie Arvilla.....	Cottonwood, Falls

Second Year.

Keys, Mary Ella.....	Sterling
Mooney Mamie E.	Jetmore
Morrison, Gertrude.....	Sterling
Ramsey, Milton M.....	Geneseo
Snyder, Frances I.....	Sterling
Squire, Harris E.	Attica
Westenhaver, Mattie W.	Sterling

First Year.

Caldwell, Wm.	Geneseo
Cook, Dollie	Lyons
Cavins, Anna	Sterling
Carter, W. H.....	Sterling
Clement, Fannie E.....	Sterling
Farrar, Laura.....	Sterling
Feagan, Gertrude.....	Sterling
Humphreys, Florence I.....	Sterling
Hill, Harry A.....	Huntsville
Lockwood, Clare Smith	Spivey
Johnston, Pearl	Saxman

Philbrick, Alta Alice.....	Beloit
Philbrick, Myra.....	Beloit
Ruggles, Louise.....	Ellinwood
Sandstedt, Hulda	Stockholm
Watt, Maud.....	Earl, Ark

Summer Term.

Atkinson, Walter.....	Sterling
Beatte, Connie	Sterling
Blades, Della.....	Sterling
Brown, Ernest.....	Sterling
Byall, Jean	Garnett
Conway, Fannie.....	Sterling
Clement, Fannie.....	Sterling
Coyle, Jessie	Sterling
De La Vergne, Grace	Hoisington
Evans, Margaret.....	Lyons
Farrar, Laura.....	Sterling
Feagan, Gertrude.....	Sterling
Fleeson, William.....	Sterling
Humphreys, Florence	Sterling
Junkin, Evans.....	Sterling
Keys, Mary.....	Sterling
Keys, Kate.....	Sterling
Kern, Walter.....	Sterling
Mooney, Mamie	Jetmore
Morrison, Gertrude	Sterling
Nash, Bessie.....	Sterling
Norris, Edith.....	Sterling
Osthoff, Caroline.....	Sterling
Ross, Cora.....	Sterling
Roy, Alice.....	Sterling
Roy, Bessie.....	Sterling
Sandstedt, Hulda.....	Stockholm
Selfridge, George.....	Sterling
Sharpe, Mattie.....	Sterling
Smith, Laura.....	Sterling
Snyder, Frances.....	Sterling
Thompson, Paul	Sterling
Trueheart, Virginia.....	Sterling

Ulsh, Ava.....	Clafin
Watt, Maud.....	Sterling
Westenhaver, Mattie.....	Sterling
Wilson, Willard E.....	Sterling

Commercial Department.

Bookkeeping.

Acheson, John Merle	Greeley
Baird, Ruth.....	Sterling
Brown, Geo.....	Sterling
Brown, Orville	Sterling
Carter, Curtis L.	Sterling
Chase, Frank	Chase
Cockrell, Maggie	St. John
Cooney, Charles.....	Sterling
Deweese, Effie D.....	Saxman
DeWalt, H. A.....	Sterling
Early, Mrs. Lulu	Sterling
Evans, J. Mahlon	Sterling
Greenlee, John N.....	Sterling
Guldner, Harry J.....	Frederic
Harper, Frank	Sterling
Harper, Minnie	Sterling
Hockett, Samuel M.....	Sterling
Johnston, Claud W	Sterling
Jones, Dan M.....	Sterling
Means, Joe C.....	Sterling
Mustard, John	Sterling
McDonald, F. E.....	Sterling
McMillan, Wm	LaSalle, Colo
Smisor, Claud.....	Sterling
Smisor, Carl J.....	Sterling
Sternberg, John L	Ellsworth
Thompson, Will A.....	Sterling
Welsh, Frank.....	Sterling

Stenography.

Allen, Myron.....	Sterling
Allen, Claud	Sterling
Bond, John.....	Sterling
Coyle, Jessie	Sterling
Coyle, Helen	Sterling
Goodson, Mrs. H.....	Sterling
Hadlock, Mabel.....	Sterling
Harper, Grace.....	Sterling
McCarroll, Ralph	Sterling
Morrison, May	Sterling
Osthoff, Carrie.....	Sterling
Palmer, Mabel.....	Sterling
Smyser, Dr. H. B.....	Sterling
Smyser, Mrs. Dr.....	Sterling
Taggart, Frank.....	Sterling
Trueheart, Marion.....	Sterling
Wiggins, Cassie E.....	Sterling

Art Department.

Allen, Ava	Sterling
Allen, Claud	Sterling
Baldwin, Izora.....	Sterling
Berry, Adele.....	Sterling
Byall, Jean.....	Garnett
Denning, Emily.....	Sterling
Denning, Mattie.....	Sterling
Duff, Mrs. J. W.....	Sterling
English, Mrs. W. A.....	Sterling
Higley, Mrs. D. B.....	Sterling
Hunt, Gladys.....	Lyons
Humphrey, Maggie	Sterling
Junkin, Evans	Sterling
Kautz Ninnie.....	Sterling
Kern, Anna	Sterling
Lees, Mrs. E. H.....	Sterling
Lees, Minnie.....	Sterling

Lucas, Grace.....	Lyons
McMillan, Iva	La Salle, Colo
Newby, Mrs. Otto	Sterling
Newman, Winnie	Sterling
Patton, Mattie	Sterling
Randle, Wilbert.....	Sterling
Rhodes, James.....	Sterling
Seaward, Eva.....	Sterling
Seaward, Lesta	Sterling
Shay, Mrs. R. J.....	Sterling
Skiles, Grace.....	Sterling
Smiley, Marie.....	Sterling
Spencer, Josephine	Sterling
Squire, Ellen.....	Sterling
Squire, Sarah	Sterling
Stephinson, Mrs.....	Alton
Stormont, Mrs. A. H.....	Sterling
Stormont, Eunice.....	Sterling
Strong, Vera.....	Sterling
Snyder, Alice	Sterling
Snyder, Charlie.....	Sterling
Thompson, Paul	Sterling
Trueheart, Virginia.....	Sterling
Turner, Bessie	Sterling
Van Dalsem, Anna.....	Frederick
Van Nest, May.....	Sterling
Wilson, T. J.....	Sterling
Wilson, Mrs. S. A.....	Sterling
Wingett, Mrs. F. L.....	Sterling

Music Department.

Piano.

Bishop, Irene	Sterling
Bishop, Kathrine	Sterling
Nellie, Coyle.....	Sterling
McCarroll, Clara.....	Sterling
Clark, Emma.....	Sterling

Carson, Mable	Sterling
Van Dalsem, Anna	Sterling
Green, Lillie	Sterling
Goodson, Mrs. Edith	Sterling
English, Mrs. T. J.	Sterling
Hawkins, Mrs. C.	Sterling
Hannenkratt, Rosa	Sterling
Hanenkratt, Lucy	Sterling
Johnston, Jay	Sterling
Keys, Cora	Sterling
Laskey, Helen	Sterling
Means, Kitsey	Sterling
Mitchell, Celia	Sterling
McKirahan, Anna	Sterling
Quigley, Anna	Sterling
Ramsey, Grace	Sterling
Ross, Cora	Sterling
Roy, Alice	Sterling
Selfridge, George	Sterling
Selfridge, Edna	Sterling
Smith, Flora	Chase
Snyder, Ursula	Sterling
Spencer, Eula	Sterling
Spencer, Frances	Sterling
Squire, Ellen	Sterling
Squire, Sarah	Sterling
Strong, Vera	Sterling
Taylor, Laura	Sterling
Wilson, Willard	Sterling
Woleslagel, Nola	Sterling

Vocal.

Carnahan, Samuel	Stockdale
Clark, Emma	Sterling
Hawley, Isabelle	Geneseo
Kelley, Nannie	Sterling
Mitchell, Celia	Sterling
Mustard, Maud	Sterling
McKirahan, Anna	Sterling
McMillian Mr.	La Salle, Colo
Randle, Wilbert	Sterling

Seaward, Kate	Sterling
Sleeth, Maybelle.....	Lyndon
Snyder, Frances.....	Sterling
Quigley, Helen.....	Sterling
Wiggins, Cassie.....	Sterling
Woleslagel, Nola	Sterling
Williams, Mrs.....	Sterling

Chorus Class.

Bell, Mary P.....	New Holland
Carson Mabel.....	Sterling
Coyle, Jessie.....	Sterling
Coyle, Helen.....	Sterling
Ginder, Roberta.....	Sterling
Grant, Miss.....	Saxman
Hawley, Isabelle.....	Geneseo
Kern, Mrs. Alfred.....	Sterling
Means, Mrs. U. L.....	Sterling
Mustard, Maud	Sterling
McCarroll, Clara.....	Sterling
McKirahan, Anna.....	Sterling
Pollard, Ernestine	Sterling
Quigley, Helen.....	Sterling
Sandt, Lottie.....	Sterling
Seaward, Kate	Sterling
Sleeth, Maybelle	Lyndon
Snyder, Ursula	Sterling
Spencer, Wilda.....	Sterling
Spencer, Edna	Sterling
Spencer, Frances	Sterling
Spencer, Eula.....	Sterling
Squire, Sarah.....	Sterling
Terrell, Blanche.....	Sterling
Thomson, Mrs. Mary.....	Sterling
VanDalsem, Anna.....	Frederic
Wilmore Miss.....	Sterling
Woleslagel, Nola	Sterling

Harmony.

Bishop, Irene	Sterling
Bishop, Katherine	Sterling
Sleeth, Maybelle.....	Lyndon

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Total names in all Departments	342
Less names repeated.....	88
Total Enrollment.....	254

Degrees.

At the annual meeting of the College Senate last June, the degree of Doctor of Divinity was conferred on Rev. James Crowe, of Philadelphia, and on Rev. J. A. Williamson, of Johnstown, New York.

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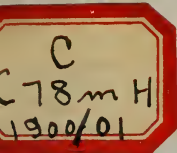
UNIVERSITY OF ILLINOIS

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COOPER MEMORIAL COLLEGE.



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Cooper College



Sterling, Kansas.

1900-1901

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COOPER COLLEGE, STERLING, KANSAS.

CLARK & CO.
1911

FOURTEENTH

Annual Catalogue

... OF ...

COOPER COLLEGE

Collegiate Department

Preparatory Department

School of Music

School of Art

School of Pedagogy

1900-1901.

Sterling, Kansas.

Calendar 1901-1902.

1901.

June 9, 3:30 p. m.....	Sermon before Prayer Guild by Rev. L. M. Riley, Lyons, Kansas
June 9, 8:00 p. m.....	Baccalaureate Sermon by the President
June 10, 8:15 p. m.....	Chrestomatheon Annual
June 11, 8:15 p. m.....	Theomoron Annual
June 12, 10:00 a. m.....	Annual Meeting of Senate
June 12, 5:00 p. m.....	Alumni Banquet
June 12, 8:15 p. m.....	Annual Address by Hon. Chester I. Long, Seventh District Representative
June 13, 2:00 p. m.....	Inter-society Athletic Contest
June 13, 8:15 p. m.....	Commencement
September 2, Monday, 1 p. m.....	Entrance Examination
September 3, Tuesday, 1 p. m.....	Fall Term Begins
October 24.....	Bible Reading Contest
October 28.....	Mid-Term Begins
November 28-29.....	Thanksgiving Recess
December 13.....	Intermediate Contest
December 19.....	Fall Term Closes

1902.

January 1, Wednesday.....	Winter Term Begins
February 9.....	Day of Prayer for Colleges
March 13.....	Annual Debate with Friends University
March 20.....	Winter Term Closes
March 26, 1 p. m.....	Spring Term Begins
May 8.....	Declamatory Contest
June 12.....	Spring Term Closes

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College Senate.

DIRECTORS.

Rev. S. M. Hood, President.....	Nortonville, Kansas
Rev. J. W. Long, D. D.....	Springfield, Missouri
Rev. James White, D. D.....	Arkansas City, Kansas
Rev. C. H. Strong, D. D.....	Sterling, Kansas
Rev. J. T. Wilson.....	Sterling, Kansas
Rev. J. S. Turnbull.....	Peotone, Kansas
Rev. J. C. Gibney.....	Sunnydale, Kansas
Rev. J. H. Gibson.....	Pittsburg, Kansas
Rev. F. W. Wilson.....	Americus, Kansas
J. C. Johnston.....	Sterling, Kansas
A. B. Gilchrist.....	Walton, Kansas
James G. Berry.....	Sterling, Kansas
I. L. McCracken.....	Sterling, Kansas
S. A. Wilson, Sec. and Treas. of Endowment.....	Sterling, Kansas

TRUSTEES.

J. Hanna, President.....	Sterling, Kansas
E. H. Lees, Secretary.....	" "
A. H. Stormont, Treasurer of Current Funds.....	" "
J. W. Duff.....	" "
T. H. Brown.....	" "
W. B. Graham.....	" "
H. Irish.....	" "

LADIES' ADVISORY BOARD.

Mrs. A. R. Clark, President.....	Sterling, Kansas
Miss Anna Kern, Secretary.....	" "
Mrs. T. H. Brown.....	" "
Mrs. C. H. Strong.....	" "
Mrs. F. M. Spencer.....	" "
Mrs. A. Taggart.....	" "
Mrs. P. P. Trueheart.....	" "
Mrs. E. E. Lynch.....	" "
Mrs. J. E. Junkin.....	" "
Mrs. J. Hanna.....	" "

Faculty and Instructors.

Rev. F. M. SPENCER, D. D.,
President and Professor of Mental and Moral Science.

REV. C. H. STRONG, D. D.,
Professor of Bible Study.

S. A. WILSON, A. M.,
Professor of Ancient Languages.

J. G. THOMPSON, A. M.,
Professor of Mathematics.

MISS ANNA KERN,
Lady Principal and Professor of Modern Languages.

TALMON BELL, A. B.,
Professor of History and Economics.

MISS ALICE M BROWN,
Instructor in Art.

OTTO W. NEWBY, A. B.,
Principal of Normal Department, and Professor of Pedagogy.

PROF. V. A. AUSTIN,
Instructor in Elocution and Dramatic Literature.

PROF. J. P. GRANT,
Musical Director.

M. H. STARKE,
Instructor in Bookkeeping and Penmanship.

Officers of Faculty.

President, F. M. SPENCER.
Registrar, J. G. THOMPSON.
Secretary, MISS ANNA KERN.
Recorder, TALMON BELL.

Committee on Athletics.
J. G. Thompson and Otto W. Newby.

Committee on Courses of Study.
S. A. Wilson and Talmon Bell.

College Environment.

Sterling, with a population of 2100, with wide, clean streets and new brick walks, with telephone, waterworks and electric lights, with fine, comfortable residences, modern churches and good substantial business houses, is a desirable town in which to establish happy homes.

The Arkansas Valley is one of the best valleys of the State. The soil is fertile. Corn, wheat, broomcorn, kafir corn and sorghum are staple crops. In recent years mortgages have been paid, farms have been improved and money placed in the bank. The entire State shares in the prosperity of fruitful years.

Sterling is a moral town. There are no saloons. The State prohibitory law is not a dead letter. The churches are well attended.

Cooper College is favorably situated as to health conditions. The altitude of Sterling is about 1700 feet above sea level. There is much sunshine. The air is dry, but not too rare. From the first of November till the first of April there is little precipitation of rain or snow. Lung trouble is almost unknown in this locality. Many have come to Sterling and have enjoyed good health who could not live in damper climates. Quite a number of students have come to Cooper for these reasons. Diphtheria and scarlet fever are much milder here than further east. Few cases of pneumonia prove fatal. During the last ten years there has not been a single serious case of illness during college sessions.

Building and Equipments.

The College building is made of Strong City limestone and is a beautiful and substantial structure. It has a front of one hundred

and twenty feet and a depth of fifty feet and is three stories high. Besides a large and elegant chapel there are eleven large rooms, used for classes, societies, museum and laboratory. There are also eight smaller rooms used for office, waiting room and other purposes. The Musical Department and Ladies Dormitory are housed at Wilson Hall on the block south of the college. The Art Department is housed in its own studio in the business part of Sterling.

Laboratories and Instruments.

The Chemical Laboratory is equipped for elementary chemistry and for Qualitative Analysis. It is fitted with individual desks and has all necessary glassware, crucibles, blowpipes, thermometers, electrolytic apparatus, balances, reagents, etc.

Water from the city main is in the room, and tables for convenient use in experimenting. There is a side shelf with a complete line of reagents for analysis.

For the Physical Laboratory an apparatus room on the first story is reserved. Experiments are conducted in the Main Laboratory room, which has a granitoid floor insuring firm support for instruments. The Normal class makes such apparatus as can be constructed. The College owns a new double plate Holtz electric machine with X-ray attachment of Crooks' Tube and Edison's Fluoroscope. A series of fine radiographs have been taken by this outfit, many of them of important medical cases for resident physicians. Sufficient apparatus for one hundred experiments is on hand. It is expected that important additions will be made for use in classes the coming year.

Botanical Laboratory work is done with the use of two large power microscopes and with suitable instruments to accompany them.

Biological Laboratory reagents sufficient for the ordinary College course of Experiments are kept.

The students of the class in Astronomy during the year pur-

chased a telescope, four-inch objective, 225 diameters, equatorially mounted. with focals and azimuth reading altitude.

Complete Surveying instruments for field work are owned by the College.

A Growing Museum.

The Museum is provided with material in four distinct lines. The Zoological specimens include a Smithsonian collection illustrating marine invertebrate life, birds' eggs and skins and a considerable collection of stuffed specimens of birds and mammals. There has been a large increase in the number of these made during the past year. The Mineralogical and Lithological collection contains an assortment of minerals from various parts of the United States. Colorado and Kansas are especially well represented. All sections of our State are represented. The Geological portion embraces a collection of fossil plants and animals belonging to each Geologic age, and a very valuable collection of rocks and fossils from Egypt and the Holy Land. Through the efforts of students and other friends the collections illustrative of the work in Zoology and Geology and Botany are being constantly increased. It is the aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students. J. C. Elliott, of Swanwick, Illinois, gave a valuable collection of Geological specimens during the past year.

College Organizations.

The Chrestomatheon and Theomoron Societies are the student organizations for literary work. Each has a fine hall, beautifully furnished. The members take pride in providing the best of equipments. Each society owns an excellent piano and music is a feature of the weekly program. Good literary work is done. The annual contest at the close of the Fall Term is one of the special events of college life and the best of work is done in preparation.

The subject for debate next year is: «Resolved, That the United States should subsidize her merchant marine.»

The Prayer Guild is the student organization for religious work. Under its direction a prayermeeting has been conducted each Monday evening for years. These are a material help to the College life and spirit in many ways and the good received and the drill given in the Prayer Guild work has been an uplifting factor in student life.

The Athletic Association is organized under a Board of Control, consisting of two members of the faculty and two elected by the students. Rules have been formulated and unanimously approved by faculty and students for the control of the athletic contests—both home and inter-collegiate. Football and baseball teams are organized. The athletic field has just been enclosed and the association has the best of facilities for contest and team work.

A Gymnasium has been fitted up on the first floor. The room is supplied with horizontal bars, rings, trapeze and chest weights.

The Cooper Courier is the distinctive student paper. It is published monthly and has just completed its tenth volume. The corps of editors for next year is as follows: Cora M. Grove, editor-in-chief; W. L. Hanlon, business manager; Amy R. Ross, local editor; Franc Spencer, alumni and ex-students; Robt. Sterrett, athletics. The editors are elected annually by the student body. The Courier has been a well conducted paper and has a good reputation among college papers.

The Alumni Association meets each year during Commencement Week. At the close of the present year a banquet was given by the association, and was one of the enjoyable features of the week. The Alumni Association has been active in forwarding the interests of the College.

The Cooper Quarterly is published by the faculty. It contains information in regard to courses, work, etc., of the college. Copies will be sent to any wishing to know about College work.

Library and Reading Room—During the past year the Chrestomatheon Literary Society donated the books and cases in its library to the College. New cases have been added and the books, magazines and periodicals are now in one room. They are accessible during each school day to each student. The Library and Reading Room will be in charge of a competent librarian and it is planned to make a large increase in the library facilities during the coming year. Some of the latest works in science, history and fiction are accessible to our students. We are indebted to the publishers of our church and county papers, to the Courier staff, and to Miss Anna Bain, of Hutchinson, for files of papers for the Reading Room, and to Rev. J. C. Elliott, of Swanwick, Ill., for scientific books and magazine files. A number of books have been received from the library of the late Rev. W. C. Somers, of Wichita. The periodicals on file include current magazines and scientific literature, daily and weekly papers, etc.

Contests—The Inter-Society Contest took place on December 13, '00. The Chrestomatheon Society was represented by Walter Stahl and Garfield Weede, debaters; Frances Spencer, orator; Cora Grove, essayist, and Louie Smith, declaimer. The Theomoron Society was represented by Wm. R. Irvine and Edna Spencer, debaters; Ralph Wallace, orator; Amy Ross, essayist, and Zada Patton, declaimer. The question for debate was: "Resolved, That cities should own and control all public franchises now conferred upon corporations." The Chrestos gained seven points and Theos five.

During the past year arrangements were made for an annual contest between Cooper College and Friends University, Wichita, Kansas. The first debate was held at Wichita, April 19th. The question for debate was: "Resolved, That the Chinese Nation is justifiable in its opposition to foreign aggression." Cooper was represented by Walter Stahl, Edna Spencer and Garfield Weede and had the affirmative. Cooper won a unanimous decision. The

contest for next year will be held in Sterling on the 2d Friday in March, 1902.

As a substitute for Chapel Rhetoricals for the coming year, students will be required to join one of the Literary Societies and collegiate students will be required to give at least one oration in these societies per term.

Public exercises may be assigned to students in College classes once during the year.

It is expected that during the year there will be contests in Bible reading, declamations and orations, one of these coming each term.

Admission.

Any person of good moral character, not too young to do the work, may be admitted as follows:

1. To Junior Preparatory class, on giving evidence of sufficient knowledge of the common branches to carry the required subjects.

2. Normal Department. See description of Normal Courses.

3. Candidates for admission to the Freshman Class are required to satisfactorily pass an examination in the subjects of the Preparatory Department, or to present a certificate from High School or College, showing that equivalent work has been done in a satisfactory manner. An applicant may be admitted although deficient in some of these requirements, provided such deficiencies are not so serious, as in the judgment of the Faculty to interfere with his doing the regular work; but all deficiencies must be made good within a reasonable period.

4. Persons desiring to pursue some special line of study, without becoming candidates for a degree, are allowed to register with the consent of the instructors under whom the work is to be done and approval of the Faculty. Special students are subject to the same discipline as regular students. Regular attendance upon recitations and examinations is required.

Scholarships—A scholarship is offered to the pupils in each of the graduating classes of the Sterling and Lyons High Schools. Scholarships have also been offered to the pupils ranking highest in the county common school examination in this and a number of neighboring counties. These scholarships are good only for the year next following their issue. Particulars relating to these scholarships may be obtained by corresponding with the President.

Examinations—Examinations are held upon the completion of a subject. In determining the final grade upon any subject the average recitation grade and the examination grade count each one-half. Other examinations may be held at such times as the instructor may chose. No student is entitled to credits unless all fees have been settled.

Reports—Grades received in the various subjects studied are read in Chapel at the close of each month. At the end of each term a report of the credits received for the term is sent to parent or guardian.

Rooms and Boarding.

The College is fortunate in being able to offer the very best home-like boarding facilities. Most of the students rent rooms and take their meals in one of the clubs. These clubs are managed by private parties of experience and reliability, and have given excellent satisfaction. Regularity, good manners, and order is the rule; family worship is maintained. Economy is practiced as far as can be, and a good table kept.

Furnished rooms near the College can be obtained at the rate of 50 cents a week for each person when two occupy one room. Table board ranges from \$1.75 to \$2.00 per week. Light, fuel and washing extra, but can be had at a low rate. Board and lodging in private families at \$3 per week. Houses for families or

rooms for self board at a reasonable cost. A list of the regular clubs is given. Inquiries may be made direct, or through the president.

Mrs. A. D. Mustard at her home on Sixth Street, has for nine years received students and others as boarders. She maintains a first class establishment. Her home is about five blocks from the College. For six years a large number of students have taken meals at the McCarroll club, one block from the College. Many who room outside take meals there. It is in charge of Mrs. A. B. McCarroll, who is a good manager, so that, although her rates are low, she keeps a good table. She always has a large club.

Wilson Hall—Wilson Hall is situated one block south of the College campus. On the first floor there are reception rooms, double parlors, a large diningroom, kitchen, bathroom, etc. On the second and third floors there are nine rooms for boarders. The house is well finished and furnished. It is heated by furnace, lighted by acetylene gas and is provided with both cistern and city water. Young ladies who enjoy the comforts of well ordered homes need not fear to come to Wilson Hall. They can there have the care and convenience to which they have been accustomed.

College Dues.

1st, Tuition in collegiate classes and in those of the 3d and 4th year Normal:

Fall Term, Sixteen weeks.....	\$12 00
Winter Term, Twelve weeks.....	9 00
Spring Term, Twelve weeks.....	9 00

2d, Tuition in the Preparatory Department and in the first and second year Normal:

Fall Term, Sixteen weeks.....	\$10 00
Winter Term, Twelve weeks.....	7 50
Spring Term, Twelve weeks.....	7 50

3d, Tuition in Commercial Department:

Fall Term, Sixteen weeks.....\$16 00

Winter Term, Twelve weeks..... 12 00

Spring Term, Twelve weeks..... 12 00

4th, Special Fees:

For graduating in any course.....\$5 00

Chemical Laboratory..... 3 00

For special examination..... 1 00

Typewriting per month..... 1 50

Tuition and fees are payable in advance. If tuition be not paid the first week of each term, one-half dollar per term will be added.

Table of Total Expenses.

It is the constant aim of the College authorities to keep expenses down to the minimum consistent with good health, first class facilities, and best working power of students.

Parents planning to send children to College always estimate the expenses. To facilitate this estimate, the following table of expenses is provided. These estimates include all expenses, such as tuition, room rent, fuel, light, laundry, meals; in fact, all necessary College expenses.

Estimated Cost by the Year for Forty Weeks.

	SELF BOARD.	CLUB BOARD.	PRIVATE BOARD.
Board, etc.....	\$35 to \$50.....	\$80 to \$100.....	\$100 to \$140
Tuition.....	\$25 to \$30.....	\$25 to \$30.....	\$25 to \$30
Books.....	\$5 to \$10.....	\$10	\$10

Total.....\$65 to \$90.....\$115 to \$140.....\$135 to \$180

A small allowance should be added to the above for personal expenses, such as railroad travel, clothing, etc. These vary with the habits of the students.

SYNOPSIS OF CLASSICAL COURSE.

FRESHMAN YEAR.

First Term.

Higher Algebra, Wentworth.
Anabasis. Goodwin.
Horace, Lincoln.
Biology, Sedgwick & Wilson.

Second Term.

Trigonometry, Wentworth.
Iliad, Seymour.
Horace, Lincoln, 4 weeks.
Botany, Gray's School and Field Book, 8 weeks.
Biology, 4 weeks—Sedwick & Wilson.

Third Term.

Trigonometry and Surveying.
Iliad, Seymour.
Tacitus, Tyler.
Botany—Gray's School and Field Book.

SOPHOMORE YEAR.

First Term.

Analytical Geometry.
Greek—Memorabilia, Robbins.
Latin—Plautus.
History—English, Green.

Second Term.

Analytical Geometry, Nichols, 4 weeks;
Calculus, Taylor, 8 weeks.
Greek—Memorabilia.
Latin—Terence.
History—English, Green.

Third Term.

Calculus, Taylor.
Greek Testament, Westcott & Hort.
Latin—Prose Composition.
English—Milton.

JUNIOR YEAR.

First Term.

Chemistry, Remsen. Laboratory, 4 hours
per week; recitation 3 hours.
Greek—De Corona, D'Ooge.
English Literature, Shaw.
Rhetoric—Advanced, Hill.

Second Term.

Chemistry, Remsen. Laboratory, 4 hours
per week; recitation, 3 hours.
Physics, Olmstead.
Greek—De Corona, 4 weeks; Plato's
Apology, Tyler, 8 weeks.
English Literature, Shaw.

Third Term.

Physics, Olmstead.
Greek—Aeschylus, Prometheus Bound.
Ethics, Wayland.
Philology Lectures.

SENIOR YEAR.

First Term.

Zoology, Packard's Advanced Course.
Logic, Schuyler.
Psychology, Porter.
Astronomy, Newcomb & Holden.

Second Term.

Political Economy, Walker.
Zoology, Packard, 4 weeks.
Geology, Dana, 8 weeks.
Evidences of Christianity, Alexander.
Psychology, Porter.

Third Term.

English—Shakespeare.
Geology, Dana.
History of Philosophy, Schwegler.
Political Economy, Walker.

SYNOPSIS OF SCIENTIFIC COURSE.

FRESHMAN YEAR.

First Term.

Higher Algebra, Wentworth.
 German—Keller.
 Horace, Lincoln.
 Biology—Sedgwick & Wilson.

Second Term.

Trigonometry, Wentworth.
 German—Keller.
 Biology, 4 weeks—Sedgwick & Wilson.
 Horace, Lincoln.
 Botany, Gray, 8 weeks.

Third Term.

Spherical Trigonometry and Surveying.
 German—Bernhardt and Classics.
 Tacitus, Tyler.
 Botany, Gray's Field Book.

SOPHOMORE YEAR.

First Term.

Analytical Geometry.
 German—Classics.
 History—English, Green.

Second Term.

Analytical Geometry, Nichols, 4 weeks.
 Calculus, Taylor, 8 weeks.
 German—Classics.
 History—English, Greene.

Third Term.

Mathematics—Calculus, Taylor.
 German—Classics.
 English—Milton.

JUNIOR YEAR.

First Term.

Chemistry, Remsen.
 Advanced Physiology.
 English Literature, Shaw.
 Rhetoric—Advanced, Hill.
 German, Goethe's Faust.

Second Term.

Chemistry, Remsen.
 Physics, Olmstead.
 French.
 English Literature, Shaw.
 German, Nathan Der Weiser.

Third Term.

Physics, Olmstead.
 French.
 Ethics, Walker.
 German—Ekk hard.

SENIOR YEAR.

First Term.

Zoology, Packard, s Advanced Course.
 Logic, Schuyler.
 Psychology, Porter.
 Astronomy, Newcomb & Holden

Second Term.

Political Economy, Walker.
 Geology, Dana.
 Evidences of Christianity, Alexander.
 Psychology, Porter

Third Term.

English—Shakespeare.
 Philology—Comparative, Lectures.
 Geology, Dana.
 History of Philosophy, Schwegler.
 Political Economy, Walker.

SYNOPSIS OF LITERARY COURSE.

JUNIOR PREPARATORY.

Junior Preparatory is the same as first
year, of Academic Course.

SENIOR PREPARATORY.

Senior Preparatory is the same as second
year of Academic Course.

FRESHMAN YEAR.**First Term.**

Higher Algebra, Wentworth.
Cicero—Orations.
German, Keller.
Biology, Sedgwick & Wilson

Second Term.

Trigonometry, Wentworth.
Cicero—Orations.
German, Keller.
Botany, Gray, 4 weeks.

Third Term.

Trigonometry and Surveying.
Cicero—Essays.
German, Bernhardt and Classics.
Botany, Gray.

JUNIOR YEAR.**First Term.**

English Literature, Shaw.
Chemistry, Remsen.
German—Classics.
Advanced Rhetoric.

Second Term.

English Literature, Shaw.
Chemistry, Remsen.
German—Classics.
English History, Green.

Third Term.

German—Classics.
Ethics, Wayland.
Trench on Words.
English History, Green.

SENIOR YEAR.**First Term.**

Zoology, Packard.
Logic, Schuyler.
Psychology, Porter.
Astronomy, Newcomb & Holden.

Second Term.

Political Economy, Walker.
Zoology, 4 weeks.
Geology, Dana, 8 weeks.
Evidences of Christianity.
Psychology, Porter.

Third Term.

English—Shakespeare.
Geology, Dana.
Political Economy, Walker.
History of Philosophy.

SYNOPSIS OF ACADEMIC COURSE.

JUNIOR PREPARATORY.

First Term.

Algebra—Wentworth.
 Composition and Rhetoric—Hart.
 Constitution—United States, Andrews.
 Latin—Grammar and Lessons.

Second Term.

Algebra—Wentworth.
 History—General, Myers.
 Composition and Rhetoric, 4 weeks.
 Physiology—Blaisdell, 8 weeks.
 Latin Grammar and Lessons.

Third Term.

Algebra—Wentworth.
 General History—Myers.
 Physiology—Blaisdell.
 Cæsar—Harper & Tolman.

SENIOR PREPARATORY.

First Term.

Geometry.
 Natural Philosophy—Avery.
 Cæsar—Harper & Tolman.
 German.

Second Term.

Geometry.
 Natural Philosophy—Avery.
 Virgil—Harper & Miller.
 German, Keller.

Third Term.

Solid Geometry.
 German, Keller.
 Virgil—Harper & Miller.
 Trench on Words.

JUNIOR YEAR.

First Term.

English Literature, Shaw.
 Chemistry, Remsen.
 Higher Algebra, Wentworth.
 Cicero—Orations.

Second Term.

Cicero—Orations.
 Trigonometry, Wentworth.
 Chemistry, Remsen.
 English Literature, Shaw.

Third Term.

Botany.
 Cicero—Essays.
 English—Milton.
 Trigonometry and Surveying.

SENIOR YEAR.

First Term.

Psychology, Porter.
 Logic, Hill.
 Astronomy, Newcomb & Holden.
 Zoology.

Second Term.

Psychology, Porter.
 Logic, Hill.
 Zoology, 8 weeks.
 Geology, 4 weeks.
 Evidences of Christianity.

Third Term.

English—Shakespeare.
 Philosophy, Lectures.
 Geology, Dana.
 Ethics, Wayland.

SYNOPSIS OF NORMAL COURSE.

FIRST YEAR.

First Term.

Arithmetic—Ray's Higher.
 English Grammar, Maxwell.
 History—United States, Ridpath.
 Geography—Descriptive, Rand-McNalley

Second Term.

Arithmetic—Ray's Higher.
 History—United States, Ridpath.
 Geography—Physical, Guyot.
 Penmanship.

Third Term.

Arithmetic—Ray's Higher.
 Primary Methods.
 Orthography
 Geography—Physical, Guyot.
 Parliamentary Law, Roberts.

SECOND YEAR.

First Term.

Mathematics—Algebra, Wentworth.
 Composition and Rhetoric, Hart.
 Constitution—United States, Andrews.
 Latin—Grammar and Lessons, Allen &
 Greenough, and Jones.

Second Term.

Mathematics—Algebra, Wentworth.
 History—General, Myers.
 Composition and Rhetoric, Hart, 4 weeks
 Physiology, Blaisdell, 8 weeks.
 Latin—Grammar and Lessons, Allen &
 Greenough, and Jones.
 Spelling B., 1 hour per week.

Third Term.

Mathematics—Algebra, Wentworth.
 History—General, Myers.
 Physiology, Blaisdell.
 Latin—Cæsar, Harper & Tolman.
 Spelling C.

THIRD YEAR.

First Term.

Mathematics—Geometry.
 Natural Philosophy, Avery.
 Zoology, Packard.
 English Literature, Shaw.
 Methods of Teaching.

Second Term.

Mathematics } Geometry, Chauvenet.
 } Trigonometry, Wentworth
 Zoology, Packard, 4 weeks.
 Botany, Gray, 8 weeks.
 Natural Philosophy, Avery.
 Astronomy.
 Music, 8 weeks.

Third Term.

Mathematics—Surveying, Wentworth, 5
 weeks.
 Botany, Gray.
 Political Economy, Walker.
 Bookkeeping.
 Music.

FOURTH YEAR.

First Term.

Chemistry, Remsen. Laboratory, 4
 hours per week; recitation, 3 hours.
 History of Education, Painter.
 Psychology, Porter.
 School Management.
 Drawing A.

Second Term.

Chemistry, Remsen, 4 weeks.
 History of Education, Painter, 4 weeks.
 Geology, Dana, 4 weeks.
 Psychology, Porter.
 Teaching and Criticism.
 Drawing B.

Third Term.

Geology, Dana.
 Philosophy of Education, Rosecrans.
 School Law.
 Kindergarten.
 Teaching and Criticism.

SYNOPSIS OF PREPARATORY DEPARTMENT.

Classical and Scientific Course.

JUNIOR YEAR.

Classical and Scientific.
First Term.

Latin { Grammar, Allen & Greenough.
 Reader, Jones' Latin Lessons.
 Arithmetic, Ray's Higher.
 History, United States, Ridpath.
 Geography, Descriptive, Rand-McNally.

Second Term.

Latin { Grammar, Allen & Greenough.
 Reader, Jones' Latin Lessons.
 Arithmetic, Ray's Higher.
 History, United States, Ridpath.
 Geography, Physical, Guyot.

Third Term.

Cæsar, Harper & Tolman.
 Arithmetic, Ray's Higher.
 Geography, Physical, Guyot.
 Orthography.
 Parliamentary Law, Roberts.

MIDDLE YEAR.

Classical and Scientific.
First Term.

Cæsar, Harper & Tolman.
 Constitution, United States, Andrews.
 Algebra, Wentworth.
 Composition and Rhetoric, Hart.

Second Term.

Virgil, Harper & Miller.
 Composition and Rhetoric, 4 weeks.
 Physiology, Blaisdell 8 weeks.
 Algebra, Wentworth.
 General History, Myers.

Third Term.

Virgil.
 Physiology, Blaisdell.
 Algebra, Wentworth.
 General History, Myers.

SENIOR YEAR.

Classical.
First Term.

Cicero, Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 Greek { Grammar.
 Reader, White's First Book.

Second Term.

Latin, Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 Greek { Grammar.
 Reader, White's First Greek Book.

Third Term.

Cicero, De Senectute.
 Geometry, Chauvenet.
 Anabasis, Goodwin.
 Trench, Study of Words.

SENIOR YEAR.

Scientific.
First Term.

Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 Geometry, Chauvenet.
 German, Kellar.

Second Term.

Cicero's Orations, Allen & Greenough.
 Natural Philosophy, Avery.
 German—Keller.
 Geometry, Chauvenet.

Third Term.

Cicero's Orations, De Senectute.
 Geometry, Chauvenet.
 German, Bernhardt and Classics.
 Trench, Study of Words.

Courses of Study.

There are four general courses in the Collegiate Department:

I. **The Classical Course**, with the degree of A. B. at graduation and requiring four years of work.

II. **The Scientific Course**, with degree of B. S. at graduation, requiring four years of study.

III. **The Literary Course**, with degree of B. L. at graduation, requiring three years of study.

IV. **The Academic Course**, for which a certificate at graduation is given, requiring two years of College work.

There are special courses preparatory for medical and other technical schools. Work arranged to suit such requirements.

Students should select one of these courses and arrange their studies along definite lines.

Psychology, Philosophy and Logic—Porter's Intellectual Science and Schwegler's History of Philosophy are the text books. A whole year is given to these subjects. Consciousness, presentation, thought and intuition are each in turn investigated. At every step the appeal is made to experience to corroborate the dictum of the author.

A term of the Junior year is devoted to the study of Moral Philosophy, theoretical and practical. One term of the Senior year is given to Logic. The design is to familiarize the student with all the more general forms of reasoning. The syllogism and the detection of fallacies receive special attention. Dr. Schuyler's text book is used.

Evidences of Christianity and Ethics—Each of these branches is taught from text books and by references as in other subjects.

Bible Instruction is given all students for the entire year. During the past year lectures were given weekly by the professor on the book of Isaiah. The students were required to take notes in

a book to be submitted as part of the record of standing. They were also called on to recite on each lecture.

The Greek Course is begun in the Senior Preparatory year, and is continued throughout the Classical Course until the close of the Junior year. It is the aim to secure a good foundation in the grammatical principles of the language, so that in reading the authors studied there may be a ready appreciation of the thought and literary excellence. In the last term's work a Greek play is studied, which may be a different one from that of the preceding year.

Latin is begun in the Junior Preparatory year, and is the most advanced work in the Sophomore Classical Course. The Roman system of pronunciation is used. In the first year's work, special effort is made to make evident the indebtedness of the English Grammar and lexicon to the Latin, for explanation of forms and derivations. The course is intended to give exercise in the study of the different styles of literature in the period of its highest development.

English—Study of words is made the basis of one term's work. Each member of the class is expected to be on the alert to find new words or words of special import. Several hundred words not in the text book have been carefully studied this year.

Milton's *Paradise Lost* is studied one term. Memory work is required daily. Milton's verse, his exact use of words, his wonderful descriptions and his classical references are all investigated. Theses on assigned topics are required from each member of the class.

English Literature is studied during the two terms of the Junior year. Three lines of work are followed in this subject. Shaw's work on English Literature is used as a basis. Supplementary to this, several works of the best authors are read and carefully discussed in the class room. In addition to this, critiques on both English and American subjects are required from each member of the class. Some time is also spent in discussing the authors of the day.

Rhetoric—In the earlier study Hart's Composition and Rhetoric is used. Original work is required. A thorough drill in writing essays is given. Special attention is paid to the preparation of outlines for these essays. Later Hill's Science of Rhetoric is used. The design is to prepare the student for effective speaking. The laws of the mind and the adaptations of truth to the thinking mind so as to lead to action are carefully studied. In argumentation the effect of a priori and a posteriori arguments are studied in actual discussion.

Shakespeare is studied one term by the Seniors. A critical study of two plays and a number of passages committed to memory are required. Collateral studies are also given.

Philology—Lectures are given in which a general view of language is presented, showing something of the relationship of the members of the various families of speech, with a sketch of the history of the English language and of the causes which bring about change.

German—The study of German extends through the Senior Preparatory, Freshmen and Sophomore years of the Scientific Course. During the first two terms special attention is paid to correct pronunciation, grammatical forms, rules of syntax, translating English into German, reading easy German. Rapid reading is the aim of the third term's work. The second and third years are devoted to the study of masterpieces of German literature, in connection with advanced work in German and composition. Conversation exercises accompany the work of the three years.

History—The course in History covers eighty weeks with daily recitations in U. S. History. In addition to the study of the text book, students are required to use the Library for the investigation of many of the subjects. A Library containing many of the sources of History and the works of the best writers on American History makes the study both interesting and profitable. Along with his study and investigation the student is required to fix in mind such an outline of the subject as will enable him to call up

the principal events of any given time in our history and give the primary facts concerning those events.

The work in English History includes the thorough study of Green's Short History of the English People. Gardner's Atlas of English History is used to give the student the necessary knowledge of the Geography of the time and places studied.

The work in General History includes the thorough study of Myers' General History.

Political Economy—Political Economy is studied for twelve weeks. The work consists of a careful study of Walker's Advanced Course with discussion of the different subjects therein treated. After this year more time will be given to Political Economy, and the course will be extended and much more work required.

Mathematics—In the Preparatory classes students spend three years in the study of Arithmetic, Algebra and Geometry, dividing the time equally among them. It is of exceeding importance that this ground-work should be well laid. The advice of the professor in charge must be accepted as to the fitness of the pupils to enter or continue in one of these studies. Much original work in problems is required. The note book and written test are made use of in this department.

Advanced Algebra includes these topics—Ratio, Proportion, Variations, Logarithms, Permutations, Series, and Theory of Limits, Numbers, and Equations, Trigonometry, Plane and Spherical, with development of formulae and with applications.

Surveying, Leveling, etc.—Sufficient attention is given to this subject to make the students familiar with the ordinary operations and computations of surveying and leveling. Two hours a week are given to field work.

In Analytics the geometrical and algebraical methods of proof are united in a systematic study of the line, circle, parabola, ellipse and hyperbola; a short study of the higher plane curves is appended.

The Calculus, Differential and Integral, receives one-half year's attention, with much practical application.

These courses must be pursued consecutively. It is better to have no break in the pursuit of these courses.

Some attention will be given to the history of mathematics.

Astronomy—While the course in this subject is largely descriptive, a great deal of time and attention is given to the various other branches of the science. Newcomb's Astronomy is the text book. Young's Uranography is used for observation work. Reference is had to other texts, to notes, charts, the Nautical Almanac, etc. Definite observation work is required. The telescope is used in studying moon, planets, double stars, clusters, nebulae, etc. Facility for extra study accorded.

Physics—Elementary Physics is taught by means of texts and experiments. Experiments in the Laboratory are given by the instructor once a week. About one hundred are thus given.

Advanced Physics is taken in the Junior year. Next year additional work from «One Hundred Problems in Mathematical Physics» will be required.

Chemistry—The course in Chemistry consists of two terms in General Chemistry for both Classical and Scientific students in which descriptive and theoretical Chemistry are studied from text book and Laboratory practice. The Chemical Laboratory is well furnished. Half the time for twenty weeks is given to the Laboratory, where each student is expected to perform for himself at least one hundred experiments.

All experimental work must be carefully recorded in note books, by description, diagram and chemical equation and formula.

A fee of \$3.00 is charged to cover the expense of chemicals used.

Biology—In this subject two lines of work are followed, recitation and laboratory. The textual work is based on Sedgwick & Wilson's Biology, and the experimental on Pillsbury's Laboratory

Guide. The past year two high power microscopes, and some glasses of moderate power have been used, and the necessary chemical reagents supplied. One-half of the Freshman year is devoted to the subject.

Physiology—In Physiology two courses are open. The preparatory work is based on Blaisdell's Practical Physiology, with other works available as reference. The advanced course follows Martin's Human Body. One-half year is spent on each subject.

Botany—Eighteen weeks are given to this subject. Gray's School and Field Book is used. After the text book has been mastered the members of the class commence the work of analyzing and pressing flowers. Each member is expected to analyze from sixty to one hundred native plants and preserve the pressed specimens in a blank book. Kansas furnishes a great variety of beautiful specimens for this purpose. Laboratory work is also required.

Zoology and Geology together occupy one year's time in their study. The study is made from advanced text books. Collateral reading and research are also required. Theses are required upon assigned topics. The Museum furnishes specimens illustrative of both these sciences.

Preparatory Department.

The Preparatory Course is outlined to fully prepare for the Classical and Scientific Courses. The instruction is given by the professors in charge of the College work and the privileges of the Preparatory students are the same as those of the College.

The first year covers advanced work in the common English branches, a whole year being given to Arithmetic and Geography—descriptive and physical. In Arithmetic, Ray's New Higher is the text book followed and is supplemented by work from the seventh grade of Prince's Arithmetic. In United States History

in addition to the careful study of the text, some additional reading and examinations of copies of original documents has been required. Supplementary reading and the study of public documents has been considerably increased, owing to better facilities for such work.

Recognizing the fact that the Study of Latin is one of the best aids to the understanding of the English Grammar, the study of Latin begins in this year, and two terms are given to the Grammar and Reader, and the last to Cæsar. Teachers, or those preparing to teach, will find this an excellent year of preparation for their work, at the same time a credit can be given on the regular College courses.

The second year carries the study of Latin through three books of Cæsar and three books of Virgil.

The Fall Term of sixteen weeks is given to Physiology, five hours per week. In the Winter and Spring Terms the Constitution of the United States is studied. In these two studies special care is exercised to give the pupils a thorough practical knowledge of these sciences. The study of Algebra is begun and carried throughout the year.

In the third year, Cicero is studied during the year's work in Latin; the Greek Grammar and Reader is studied throughout the year in the Classical Course and German is begun in the Scientific Course.

Physics is studied during the Fall and Winter Terms, and Botany (using Gray as a text book) during the Spring Term. In Mathematics two terms are devoted to Geometry and one to advanced Algebra.

Commercial Department.**Course of Study.**

10 Weeks.	10 Weeks.	10 Weeks.
Com. Arithmetic.	Com. Arithmetic.	Commercial Law.
Bookkeeping.	Bookkeeping.	Business Practice.
Spelling.	Grammar.	Grammar.
Penmanship.	Penmanship.	Letter Writing.

The design of the Commercial Department is to furnish a thoroly practical course for these young people who wish a business education, and for those who, though not expecting to engage in a purely commercial vocation, wish a good, practical education that will be of use to them every day.

The work in Commercial Arithmetic is confined to a thorough mastery of those principles and operations used in business. Much attention is given to short methods and rapid calculations. In Bookkeeping the individual plan is used. Each student works by himself and makes such progress as his ability and application merit. The course in Bookkeeping includes single and double entry, retail and wholesale work, commission, joint stock and banking sets. In spelling the aim is to give a thorough drill in spelling words used in business and everyday life and counteract the laxness so common at the present time in teaching this important subject. The student will be required to spend one hour daily in the practice of plain, business penmanship for at least twenty weeks of the course. The work in Grammar will include the essentials and will be so presented that beginners will find no trouble in pursuing the course. The course in Commercial Law will include the laws governing all the usual business transactions. In business practice the actual work will be done. Purchases, sales, loans, and deposits will be made. We have offices for this work. In Letter Writing the student will be taught correct forms and all the essentials for writing a neat letter. In business correspondence the typewriter should be used.

A diploma will be given on the completion of this Course.

Normal Department.

Prof. Otto W. Newby has been appointed principal of this department by the College Senate. He graduated from Cooper in 1896, with the degree of A. B. Since then he has taught different lines of work in his Alma Mater. He is now absent completing the course of the State Normal. He will thus be fully equipped for all the requirements of the State Board as the head of this department.

The Normal Department is designed to meet the demands for competent and professionally trained teachers. Its courses of study are based on those of approved Normal schools. This department receives the same careful attention given to other departments. Normal students receive the same privileges that are open to the students of other departments in the institution. The constantly increasing enrollment of Normal students is a source of much gratification.

I. **The Normal Course** is a State Certificate Course and provides careful instruction in both the Academic and professional subjects. It is a four years' course. Actual work in teaching is required of each candidate for graduation. The teaching is done under the direct supervision of the regular professors and instructors. The aim is to give thorough preparation for the teaching profession. Those holding second grade certificates are admitted to this course without an examination; others are required to take an entrance examination or bring grades from accredited schools. Thorough work is required. The passing grade for each study is 80 per cent. The graduates from this course, after an examination in the five professional branches are granted a three year State certificate by the State Board of Education. If two of the three years are spent in successful teaching the life diploma is conferred.

The new law also provides that graduates of the A. B. and B. S. Courses may obtain a State certificate by taking in addition to their regular course, the pedagogical work (five subjects) 'ten weeks' actual practice in teaching, and pass the examination in five professional subjects. All such graduates are thus given an opportunity of securing a life certificate.

II. The First Grade Certificate Course consists of the first two years' work of the Normal Course, and the subjects of Natural Philosophy, Bookkeeping and Methods of Teaching from the third year's work. The aim of this course is to fit the student for common school work and give a thorough knowledge of the subjects required to secure a First Grade Certificate. Graduates of this course will be presented with a certificate of graduation. It is not a certificate to teach.

III. A Review Course is offered for those who desire to review the common branches and prepare for the county teachers' examination. This course is open to those who hold a third grade certificate, or to the young people preparing to become teachers. It is a one year course. Special permission must be secured from the head of the Pedagogical Department in order to enter this course. The subjects are as follows:

Fall Term.	Winter Term.	Spring Term.
Arithmetic.	Arithmetic.	Arithmetic.
English Grammar.	English Grammar.	Orthography.
U. S. History.	U. S. History.	Primary Methods.
Geography.	Physiology.	Physiology.
U. S. Constitution.	Penmanship.	Physical Geography

To meet the needs of teachers and those preparing to teach, classes in the common branches are taught during the entire year. All can thus be accommodated, although unable to be in school more than one or two terms.

Outline of Instruction same in general as in the State Normal,

Art Department.

The aim of this department is:

1st. To impose a thorough knowledge of the underlying principles of Art, as well as adaptation to decoration and design.

2d. To give to those who are looking forward to the profession of teaching a systematic training in Form Study and Drawing, which will tend to make them accurate in eye and hand and help them in expressing and impressing thought.

3d. To direct attention to the beautiful in nature and art. developing the aesthetic faculties and leading to the appreciation of the true, the beautiful and the good.

Of what practical value will the study of Art be to the student?

In an official publication issued by the United States Bureau of Education this testimony is given:

Drawing is a universal language common to all people, essential to every form of manufacture, useful to every individual always convenient, often indispensable. He who can draw readily and correctly can be taught any kind of manual industry much more readily. To be able to draw is to be more sure of earning a living now; before long, not to be able to draw will be as disgraceful as it now is not to be able to read and write. It will be an evidence of inferiority.

In this department the Normal Course comprises the elementary principles of construction, representation and decoration.

In the sketching classes which meet regularly for practical work, the following work is pursued.

1st. Drawing from objects.

2d. Sketching from nature.

3d. Charcoal drawing from life.

Throughout the year instruction is offered in oil, crayon, pastel, watercolors, and china painting.

The studio being furnished with a kiln, brings the beautiful art of china painting within the reach of all.

For information as to terms, etc., address. ALICE M. BROWN.

Musical Department.

Prof. J. P. Grant, Director.

Anna McKirahan and Irene Bishop, Assistants.

This department is under the control and management of the Director and while independent in management and support is in co-operation with the College, and furnishes facilities for students who desire musical advantages. Miss McKirahan and Miss Bishop have taught classes in several of the surrounding towns. Names of their students are not included in the subjoined list.

Pianoforte—The most careful attention is given to the laying of a proper foundation in the playing of every pupil. Taking and leaving the right key at the right time in the right way is piano playing. The Virgil Clavier is used to illustrate perfect piano touch. The best of all modern discoveries, inventions and methods are sought out and utilized in developing to the utmost the students' capabilities and talents.

While the standard classical composers are drawn upon for the greater part of the piano curriculum, the more modern romantic school is by no means neglected. Pianists of the present day should be versatile and many sided in their artistic resources, and to this end the piano course is planned from its most elementary stage upwards.

Voice—Instruction in this department includes everything that assists in the development of the vocal artist, among which details of study may be mentioned, the union of the register, physiology of the vowels and consonants; solfeggi and the application of words to music; exercises for obtaining flexibility of voice; exercises in the scales major and minor; the chromatic scale and arpeggios; the embellishments suitable to different styles of singing; dramatic expression; cultivation of the voice considered as an organ of aesthetical feeling in art. English ballads and Sacred

Songs. Songs of foreign countries. Opera and Oratorio; Recitations and Aria, etc.

The most admirable results are those which insure the greatest durability of voice, together with sympathy, mellowness, elasticity and purity of tone. As the principles are those used by the greatest singing master of Europe, pupils will find the exercises such as will benefit the singing voice greatly.

The breath must be controlled by the diaphragm and attendant muscles so as to free the throat from all constrictive tendencies. This leaves the vocal muscles free to act, resulting in sympathetic quality and breadth of tone.

Next comes the placing of the voice for resonance. By focusing the tone to the forward part of the mouth without contracting the throat, carrying power is obtained with perfect ease and the preservation of the voice insured.

In this department as in others pupils will be received at all ages. Many voices have been ruined through improper use during childhood.

Many people entertain the erroneous idea that voice culture in children impairs the voice. If children are old enough to sing at all, they are not too young to sing correctly.

Concerts and Recitals—Concerts will be held frequently, at which the choicest works of the great masters, consisting of sonatas, concertos, etc., for the pianoforte, songs, oratorios and operatic selections by pupils and director. On the last Wednesday of each month recitals will be given by pupils of all grades. These exercises are of great advantage to pupils, stimulating them to increased exertion in their studies, and furnishing opportunities for the development of their powers, and the acquirement of that confidence so necessary to a creditable performance in the presence of an audience. Pupils in each of these departments on satisfying the examiners of their proficiency will be granted a graduating diploma on completing the course.

Tuition Rates.

For a term of twenty lessons, Piano.....	\$10.00
For a term of twenty lessons, Voice.....	15.00
Chorus per term.....	1.00

Piano—In this department, as well as all others, pupils will be received from the most elementary to the most advanced stages. The instruction is founded on precisely similar lines to those pursued in the high schools of Berlin and Vienna.

Alumni.

1892.

ESSINGTON H. LEES, B. S.; Lawyer, Sterling, Kansas.

1893.

JAY F. BEAMAN, B. S.; Student Civil Engineering, State University.

ARCHIE C. REES, A. B.; Farmer, Sterling, Kansas.

EDWARD C. REES, A. B.; Farmer, Newton, Iowa.

1894.

REV. GEO. F. W. BENN, A. M.; Minister, Staunton, Ill.

REV. EDGAR H. BLACK, A. B.; Pastor, Mayfield, Kansas.

1895.

TALMON BELL, A. B.: Professor of History and Political Economy
Cooper College.

1896.

MINNIE LEES (MRS. MANN), B. S.; Mason, Michigan.

REV. WILLIAM A. PHILLIPS, A. B.; Pastor, Allegheny, Pennsylvania.

DELLA M. SPENCER (MRS. LEES), B. S. Sterling, Kansas.

1897.

ELLA E. CRUM (MRS. HOOD), B. S.; Omaha, Nebraska.

CALEB B. ELLIOTT; Express Office, Delta, Colorado.

WILLIAM T. HOOD, B. S.; Omaha Gas Co., Omaha, Nebraska.

JOHN M. KIRKWOOD, B. S.; Lawyer, Chicago, Illinois.

JESSE G. LISTON, Principal Township School, Coffee, Indiana.

1898.

JOHN U. BRUSH, A. B.; Minister, Laurel Hill, Penn.

WILLIAM FINLEY, B. S.; Farmer, Lyons, Kansas.
MABEL GRANDY (MRS. ENGLISH), B. S.; Sterling, Kansas.
ORAN A. KEACH, A. B.; Pastor, Portland Mills, Indiana.
OTTO W. NEWBY, A. B.; Professor of Pedagogy, Cooper College.
BELLE S. SMITH, B. S.; Teacher, Garnett, Kansas.
ESTELLE M. STORMONT, B. S.; Postoffice Assistant, Sterling, Kansas.
E. VERA STRONG, B. S.; Sterling, Kansas.
W. PAUL STORMONT, B. S.; Art Illustrator, Sterling, Kansas.
E. CASSIE WIGGINS, N.; Teacher, Sterling, Kansas.

1899.

DAVID CALVIN MATHEWS, A. B.; Student Theology, Allegheny, Pa.
WILLIAM HENRY MEYER, B. S.; Lumber Office, Medford, Oklahoma.
HERBERT BRATTON McMILLAN, A. B.; Student Theology, Allegheny,
Penn.

EVA JOSEPHINE SPENCER, B. S.; Teacher, Sterling, Kansas.
SARAH SQUIRE, B. S.; Teacher, Sterling, Kansas.
J. FLOYD THOMSON, B. S.; Lumber Office, Belle Plaine, Kansas.
LEWIS ALFRED KERR, A. B.; Student Theology, Allegheny, Pa.

1900.

IZORA BALDWIN, N.; Teacher, Sterling, Kansas.
MARION TRUEHEART, B. S.; Medical Student, Kansas City, Kansas.
BERT X. TUCKER, B. S.; Medical Student, Lawrence, Kansas.
MAY B. VAN NEST, N.; Teacher, Alden, Kansas.

Register of Students.

cl, Classical Course; sc, Scientific; lit, Literary; a, Academic; n, Normal.

Senior.

Bond, John Marion, <i>a</i>	Sterling
Brown, Mary Lorena, <i>lit</i>	Sterling
Graham, Ross Wallace, <i>sc</i>	Sterling
McCoy, John Reynolds, <i>cl</i>	Sterling
Spencer, Edna Rosalia, <i>sc</i> and <i>n</i>	Sterling
Weede, Garfield Wilson, <i>sc</i>	Sterling

Junior.

Grove, Cora Mary, <i>sc</i>	Welda
Hanlon, William Leslie, <i>sc</i>	Sterling
Hunter, Fred Clarence Morgan, <i>lit</i>	Newton
Sanders, Nellie Arvilla, <i>n</i>	Cottonwood Falls
Smith, Maud Ethel, <i>cl</i>	Sterling
Spencer, Frances Eleanor, <i>sc</i>	Sterling
Stahl, Walter W., <i>cl</i>	Lyons
Ross, Amy A., <i>sc</i>	Sterling
Tharp, Charles Stafford, <i>cl</i>	Sterling
Wallace, Ralph Foster, <i>cl</i>	Sterling

Sophomore.

Byall, Jean Martha, <i>sc</i>	Garnett
Bishop, Alice Irene, <i>cl</i>	Sterling
McCrory, Elizabeth Myrtle, <i>cl</i>	Sterling
Smith, Louie May, <i>lit</i>	McMinnville, Tenn

Freshman.

Blades, Della N. <i>cl</i>	Sterling
Carson, Mabel, <i>sc</i>	Sterling
Dobbin, William David, <i>sc</i>	Viola
Daugherty, Lizzie Estella, <i>sc</i>	Sterling
Hanna, Clyde Anderson, <i>sc</i>	Mt. Perry, O
McKirahan, Anna Idella, <i>sc</i>	Sterling
McShane, Guy A., <i>cl</i>	Hardy, Neb
McCarroll, Clara Bruce, <i>sc</i>	Sterling
Spencer, Wilda A., <i>se</i>	Sterling
Wells, Edgar Ross, <i>cl</i>	Sterling

Thompson, LeRoy, <i>sc</i>	Sterling
Williams, Ralph, <i>sc</i>	Sterling

Special Collegiate.

Baldwin, Izora	Sterling
Chase, Frank E.....	Chase
Irwine William Robert.....	Americus
Jones Robert.....	Lyons
Mustard, Paul French.....	Sterling
Nash, Clarence A.....	Sunnydale
Van Nest, May B.....	Alden

Preparatory Senior.

Buttles, Walter A.....	Hutchinson
Bishop, Kathryn.....	Sterling
Carter, Curtis Luther.....	Sterling
Caldwell, Wm.....	Geneseo
Edgar, Morris McClurkin.....	Sterling
Porter Ethel.....	Geneseo
Patton, Zada Ann.....	Sterling
Seigle, Andrew Jackson	Huntington, Pa.

Preparatory Middle.

Atkinson, J. Walter.....	Sterling
Baber, Edward Bruce.....	Sterling
Edgar, Josiah D.....	Sterling
Eaton, Bertha M.....	Sterling
Evans, Grace Edith.....	Valley Center
Guttery, Jessie.....	Sterling
Guldner, Harry J.....	Frederic
Gebhardt, Ida Laura.....	Sterling
Gebhardt, Guy.....	Sterling
Gist, Alma Grace.....	Sterling
Hays, Edith Clare.....	Denison
Ham, Pearl	Lyons
Jones, Hobart.....	Saxman
Lambertson, Ethel May.....	Saxman
Lockwood, Clare Smith.....	Spivey
McMillan, Mathew S.....	LaSalle, Colo
Stahl, Ethel Keturah.....	Lyons

NORMAL STUDENTS.

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Preparatory Junior.

Bell, Susannah	Beloit
Bailey, Lillie May.....	Geneseo
Blakely, Mildred Mabel.....	Lyons
Brownlee, James Erskine.....	Pretty Prairie
Ginter, Garfield Lovell.....	Lyons
Leslie, Pearl.....	Thurber
Dill, Bessie May.....	Alden
Sterrett, Louise.....	Sterling
Tice, Gertrude L.....	Beloit
Ward, Samuel J. Tilden.....	Geneseo
Price, Lizzie.....	Alden
Perin, Maggie.....	Curran
Barrows, Winnie Etta.....	Selkirk
McCarroll, Ralph B.....	Sterling
Hutchins, Hershel V.....	Sterling
Cook, Dollia M.....	Lyons
Davis Dora E.....	Stafford
Keys, Mattie Bell.....	Sterling
Mowery, Wade.....	Lyons
Sterrett, De Robb.....	Sterling
Slentz, Dora.....	Sterling
O'Neil, Charles.....	Raymond

Normal Students.

Baldwin, Izora	Tice, Gertrude
Bailey, Lillie	Spencer, Edna
Blades, Della	Spencer, Wilda
Caldwell, William	Slentz, Dora
Cook, Dollia	Barrows, Winnie
Daugherty, Estella	Grove, Cora M.
Keys, Kathryn	Tharp, Charles
Lockwood, Clare	VanNest, May
Davis, Dora E	Sterrett, Louise

Commercial Students.

Aeilts, Krien	Hutchinson
Ball Alvin	Stafford
Johnson, Marion.....	Lyons
Leslie, Pearl.....	Thurber
McKee, John	Gerlaw, Ill
Porter, Bert.....	Geneseo
Ward, Ralph.....	Alden
Bundy, Harry	Harvey, Walter
Findlay, Roy	Logan, Robert
Gordon, Geo. G	Morrison, Charles
Guldner, Harry	Smisor, Carl
Greenlee, J N	Seaward, Mort
Greenlee, Frank	Tharp, James G
Greenlee, Emmett	Tippin, Clyde
Hockett, Samuel	

Typewriting.

Aeilts, Krien.....	Hutchinson
Ball, Alvin	Stafford
Gordon, Geo. G	Hanna, Clyde
Guldner, Harry	Johnson, Marion
Ginter, Garfield	Lockwood, Clare
Harvey, Walter	McCarroll, Ralph
Hockett, Sam'l	Tippin, Clyde

Penmanship.

Aeilts, Krien	Logan, Robert
Ball, Alvin	Leslie, Pearl
Bundy, Harry	Morrison, Charles
Brownlee, Erskine	McKee, John
Buttles, Walter	Porter, Bert
Blakely, Mildred	Perin, Maggie
Gordon, George	Price, Lizzie
Greenlee, Frank	Porter, Ethyle
Graham, Ross	Smisor, Carl
Greenlee, Emmett	Seaward, Mort
Harvey, Walter	Sterrett, Lulu
Hockett, Samuel	Tharp, James
Ham, Pearl	Thompson, Roy
Hutchins, Herschel	Ward, Ralph
Johnson, Marion	Wells, Engar

Art Department.

Beaman, Annis.....	Sterling
Chase, Frank.....	Chase
Cline, Mrs.....	Lyons
Duff, Mrs. J. W.....	Sterling
Hunt, Gladys.....	Lyons
Inches, Inez.....	Sterling
Johnston, Mrs. J. C.....	Sterling
Jordan, Etta.....	Sterling
Junkin, Evans.....	Sterling
Junkin, George.....	Sterling
Kern, Anna.....	Sterling
Kern, Katherine.....	Sterling
Lucas, Grace.....	Lyons
McKee, Vail.....	Sterling
Newman, Winnie.....	Sterling
Patton, Mary.....	Sterling
Rhodes, James.....	Sterling
Shawhan, Delbert.....	Sterling
Shay, Mrs. R. J.....	Sterling
Skiles, Grace.....	Sterling
Smith, Goldie.....	Sterling
Smith, Mae.....	Sterling
Spencer, Edna.....	Sterling
Squire Ellen.....	Sterling
Stephenson, Mrs. Alton.....	Sterling
Stormont, Eunice.....	Sterling
Straney, Milo.....	Sterling
Strong, Vera.....	Sterling
Stull, Ella.....	Seneca
Thompson, Paul.....	Sterling
Trueheart, Virginia.....	Sterling
Turner, Bessie.....	Sterling
Watson, Merle.....	Sterling
Westenhaver, Blanche.....	Sterling
Willson, Mrs. S. A.....	Sterling
Wilson, Dales.....	Sterling
Wirshing, Sallie.....	Sterling
Wright, Lorena.....	Sterling

Music Department.**Piano.**

Porter, Ethyle
 Bishop, Irene
 Bishop, Kathryn
 Wilson, Willard
 Avery, Elizabeth
 Tharp, S. C.
 Green, Lillie
 Mitchell, Celia
 Keys, Cora
 Ramsey, Grace
 Taylor, Laura
 Bell, Susan
 Kaufmann, Nellie
 Selfridge, George
 Werner, Mary
 Hanenkratt, Rosa
 Hanenkratt, Lucy
 Spencer, Eula
 Spencer, Wilda
 Quigley, Helen
 Norris, Cecil
 Jennings, Flora

Coyle, Jessie
 VanDalsem Anna
 McKirahan, Anna
 Hawley, Isabelle
 Snyder, Ursula
 Newman, May
 Woleslagel, Nola
 Selfridge, Edna
 Squire, Ellen
 Squire, Sarah
 Pollard, Ernestine
 Bundy, Miss
 Chennell, Pearl
 Keeley, Mr.
 Smith, Myrtle
 Smith, Lenora
 Sholes, O. T.
 Hilton, Anne
 Brown, Laura
 Kern, Catherine
 Heter, Edith
 Wirshing, Bert

Vocal.

Porter, Ethyle
 Hawley, Isabelle
 Seaward, Lesta
 Bishop, Irene
 Tharp, S. C.
 Green, Lillie
 Mitchell, Celia
 Bishop, Kathryn
 Quigley, Helen
 McKirahan, Anna
 Inches, Minnie
 Snyder, Ursula
 Woleslagel, Nola
 Fleming, Alvin
 Pollard, Ernestine
 Squire, Sarah
 Bundy —

Stubbs, Curt
 Wood, Thomas
 Hilton, Annie
 Clark, Emma
 Brown, Laura
 Means, Mrs. U. L.
 Means, Joseph
 Goodson, Mrs. Edith
 Beatte, Chloe
 Whitehead, Brace
 Roy, Alice
 Kern, Mrs. Anna
 Morris, Cecil
 Skiles, Grace
 Smith, Lenora
 Van Dalsem Anna
 Selfridge, George

Summary.

I. Alumni	35
II. College Department.	
Seniors.....	5
Juniors.....	10
Sophomores.....	4
Freshmen.....	12
Special.....	7—39
III. Preparatory Department Total.....	47
IV. Normal Department.....	18
V. Commercial Department.....	22
VI. Art Department.....	38
VII. Music Department(not chorus).....	78
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Total.....	242
Less names repeated.....	52
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Net total	190

Degrees Conferred, June, 1901.

The Degree of Bachelor of Arts, John Reynolds McCoy.

The Degree of Bachelor of Science, Ross Wallace Graham,
Edna Roselia Spencer, and Garfield Wilson Weede.

The Degree of Bachelor of Literature, Mary Lorena Brown.

Honorary degree, Doctor of Divinity, Rev. J. F. Ross, Kansas
City, Missouri.

